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Jefferson Alumni Bulletin – Volume XII, Number 9 October 1962

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JEFFERSON

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MEDICAL
COLLEGE
ALUMNI
BULLETIN

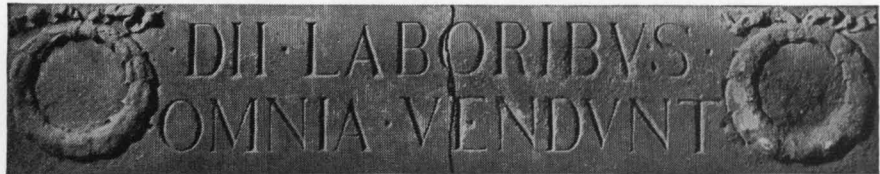
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JEFFERSON MEDICAL COLLEGE ALUMNI BULLETIN



in the OCTOBER, 1962 *Issue*

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VOLUME XII Number 9

Mrs. Joseph J. Mulone, Executive Secretary
Alumni Office of The Jefferson Medical College
1025 Walnut Street, Philadelphia 7, Pa.

JEFFERSON OPENS

Dr. Julius M. Coon

AS key speaker at the Opening Exercises of the 139th Annual Session of the College, Dr. Julius M. Coon, Professor of Pharmacology and Head of the Department, spoke to the students about the place of science in their medical careers.

In introducing Dr. Coon, Dr. Peter A. Herbut, Professor of Pathology and Head of the Department, emphasized the strong scientific background evidenced in Dr. Coon's education. The first degree he acquired in the field of science was a Bachelor of Arts degree in Chemistry at Indiana University in 1932. He then went on to gain a Ph.D. degree in Pharmacology at the University of Chicago in 1938 and an M.D. degree at the University of Illinois in 1945.

At the University of Chicago, Dr. Coon was advanced through the various ranks in the Department of Pharmacology from Assistant in 1936 to Associate Professor in 1947. The latter position he held until July 1, 1953 when he became Professor of Pharmacology and Head of the Department at Jefferson.

While at the University of Chicago, he was connected with Chemical Warfare Toxicologic Research at the University's Toxicity Laboratory under the Office of Scientific Research and Development from 1941-46. He was Pharmacologist to the Food and Drug Administration in 1946 and was connected with the United States Air Force Radiation Laboratory from 1951-53.

Just as active in extracurricular scientific work since coming to Jefferson, Dr. Coon has served and presently serves on the Food Protection Committee and Toxicology Subcommittee of the National Research Council, the Pharmacology Test Committee of the National Board of Medical Examiners, the Editorial Board of the *Journal of Pharmacology and Experimental Therapeutics*, as Chairman of the Membership Committee of the Society of Pharmacology and Experimental Therapeutics, as Consultant to the U. S. Army Chemical Warfare Laboratories and as Consultant to the Toxicology Study Section of the National Institutes of Health.

In summarizing Dr. Coon's scientific achievements, Dr. Herbut said, "His areas of research interest, and his many publications, are in connection with autonomic pharmacology, anesthesiology, radiation biology, toxicol-

ogy of chemical warfare agents, cholinesterase inhibitors, and organic phosphate insecticides."

Speaking of Dr. Coon's work on the Admissions Committee of the College, Dr. Herbut continued, "To the Freshmen I say, 'You are fortunate he is at Jefferson, for without his stamp of approval *you* would not be here.'"

Dr. Herbut concluded his introduction with a word of advice to the other three classes and to the audience:

"To the Sophomores I say, 'Do not be afraid of him, for while a sterner countenance you will never observe, a kinder heart you will never encounter.'"

"To the Juniors and Seniors I say, 'Seek his counsel, for he has broad knowledge and sound judgment,' and to this audience I say, 'Listen attentively for if you do not, you are bound to miss the witticism and the dry humor that I predict will punctuate his talk this evening.'"

FOLLOWING his introduction, Dr. Coon spoke on "Research in Your Medical Career."

"A scientist," stated Dr. Coon, "is supposed to have an inquiring mind. It is appropriate, in fact, desirable, that he know more questions than he know answers. Answers are printed in books and all the scientist really has to know is how to find them somewhere on a printed page. The important thing to the scientist is the questions that have not been answered and the true scientist finds further questions in every new answer. Thus, the scientist spends his life formulating questions and seeking their answers in search of new questions."

Dr. Coon addressed the class as his "fellow students" since medical students, doctors and medical scientists must always be "students of science." He pointed out that during the first two years of medical school the class would be exposed to an intensive and concentrated program of study in the basic medical sciences, and that to pass examinations, including National Boards, students must know a multitude of answers.

"These answers," he said, "of course, are temporarily important to you, but your teachers have little interest in them as such. Aside from the thinking practice you get in formulating your answers, they have only a limited permanent value to you. They are merely a repetition of

39th ANNUAL SESSION

Delivers Key Address

what has already been said and written, and in another ten years many of them will no longer be correct or of significance. Their greatest importance lies in the questions they raise, questions which you or your teachers cannot yet answer. And herein lies the most important aspect of our fellow studentship. In this regard, we are basically on the same level, though if we are good teachers, we should be able to help you develop an interrogative turn of mind. This will take time, of course, but a few pointers may be in order now."

Facetiously, Dr. Coon then suggested that the students promote thought by elevating their feet—but in a serious

vein, he adjured them to read the lives of some of our great scientists, such as John Hunter, Benjamin Rush, Helmholtz and Rudolph Virchow.

"If you have not read the life of Louis Pasteur," he said, "that is a must. Read about Sir William Osler, and especially some of his own writings. Pick a few closer to us in time, like Alan Gregg, A. N. Richards, Jonas Salk. If reading about such men and their accomplishments does not put bees in your sympathetic synapses, nothing else will."

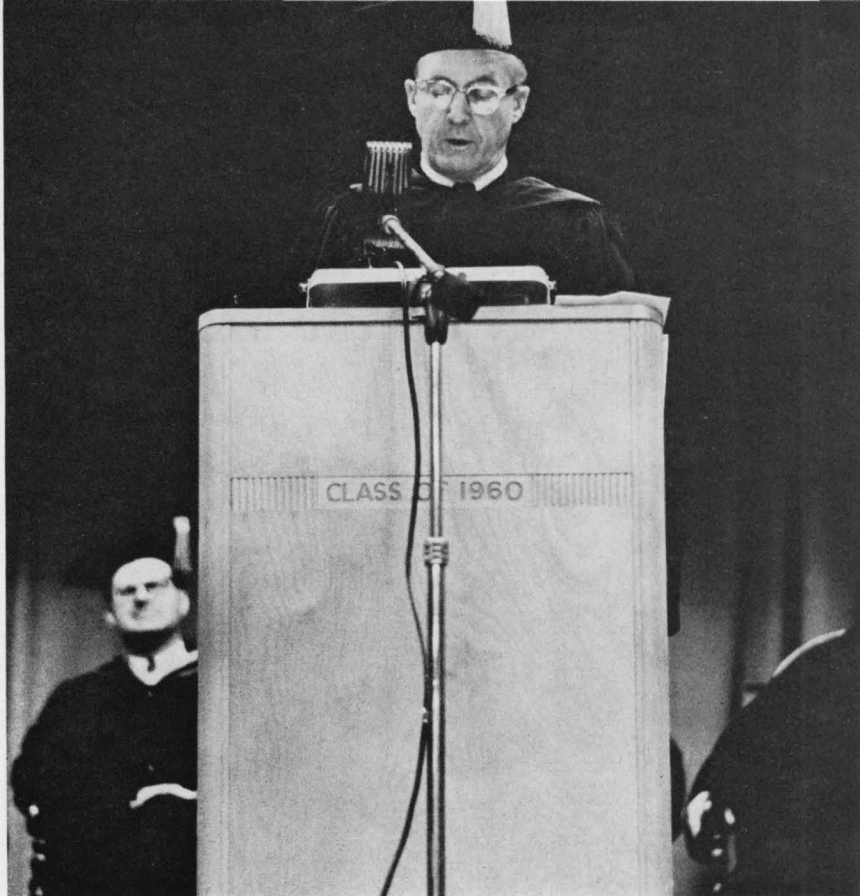
The word 'dither', Dr. Coon said, had been given a new meaning in World War II when it became known

Faculty members enter McClellan Hall for Opening Exercises.





Under the attentive eyes of members of the Board of Trustees and Administration (left, above) and the audience (left, below), Dr. Coon (right) delivers the principal address at the Opening Exercises.



as a constant state of rapid vibration which kept complex mechanisms alert and ready to respond. He explained that Warren Weaver, of the Sloan Foundation, has applied this principle to man, believing it desirable that we have a certain amount of 'dither' in our neural mechanisms to maintain "fresh, unorthodox, nimble, vibrating minds."

"IT is in this state," said Dr. Coon, "that question follows answer, answer follows question, and idea follows idea with the greatest facility."

"If your reflections on great men and on past and recent developments in the medical sciences are 'dithrogenic', then speculation as to the future should be even more so. Project yourselves into the year 2162 and imagine what phenomenal medical discoveries will have been made. Cancer will undoubtedly be conquered long before that. Take, for example, the idea of controlling the genetic make-up of our progeny. More than just a glimmer of this possibility has already been provided by the series of questions and answers that has led to a new series of molecular biology. Living things have already been synthesized in the test tube. Don't you wonder where we are going from there? Ask yourselves

whether you want to be a question-asker or just an answer-learner."

Dr. Coon pointed out that at some point in the student's education he will have to decide upon the role to be played by science in his medical career and the part he will play as a medical scientist.

"If you are well taught in medical school," Dr. Coon stated, "you will see no distinction between science and medicine. There will not be the sharp transition that you might expect as you pass from the second to the third year."

"...You will be advised to study the biochemical, physiological, anatomical and psychological derangements in your patients, the ultimate causes of these derangements, the corrective measures to be taken and the basic mechanisms by which such measures are expected to be effective. In the student who has elected to study medicine, it is logical to suppose that the most fertile source of intellectual titillation might be in his realization of the gaps in our knowledge of the causes of disease and of the diagnosis and treatment of the sick. If, in your premedical and preclinical studies, you have developed both a receptiveness for the known and a



A photographer poses undergraduate prize winners for newspaper coverage before the beginning of Opening Exercises. (l. to r.) Chairman of the Board of Trustees, Mr. James M. Large, who later presented the awards, with Joseph Morris Farber, Ronald Kenneth Sandberg, Robert Jay Echenberg, Elliott Mark Stein, David Paul Shreiner and David Brooks Paul.

deep sensitivity for the unknown, it will be in your clinical years in medical school and in your years as intern and resident that you will experience the greatest stimulus for entering scientific medicine as a whole or a part of your career."

Dr. Coon then spoke of the scientific developments in medicine over recent years, such as increased life span and the fact that of the 4000 or so drugs now in use in this country, 90 percent were developed since 1949. He suggested that the students consider the effects of these developments on the medical profession as a whole and on them individually.

He then discussed the relationship between the science and the "art of medicine" which, Dr. Coon said "... refers to that aspect of the doctor-patient relationship which imparts to the patient the greatest confidence in his doctor and which accrues to the patient's benefit over and above what the best of science has to offer. This relationship is based on the doctor's recognition and treatment of the patient as a human being who is something more than just the sum of his healthy and diseased parts. The art, unlike the science, does not have parameters which can be described, measured, graphed, set

in a mathematical equation, made subject to statistical manipulations, or formulated in any way into a law of natural science. But there is a growing opinion that the science and the art are neither separate nor antagonistic entities, that, on the contrary, they are complementary, supplementary and interdependent and, though science is changing the art, it is not obliterating it, but rather improving it. Dr. Julian Price has said that science gives the physician the *knowledge* to deal with disease, and the art gives him the *wisdom* to apply this knowledge with optimum benefit to the patient."

Dr. Coon pointed out that science has aided the doctor by giving him greater confidence in the care of his patients which, in turn, results in the patient's having more confidence in the doctor. Since patients have become scientifically more sophisticated, they want the best scientific attention possible in addition to personal sympathetic attention.

"There is no basic conflict between the practice of medicine and the sympathetic understanding of the patient," Dr. Coon stated. "Medicine is more of a science than it ever was before, but it is no less an art, and neither must be allowed to interfere with the full utilization of the other."

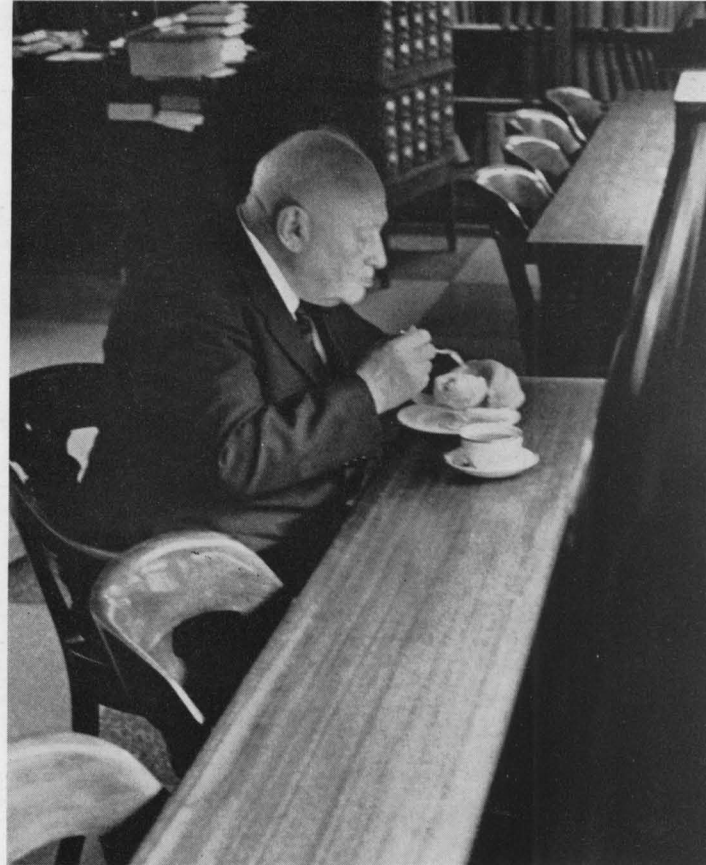
Dr. Coon closed his address with the following quotation from an address by Sir William Osler.

"To the physician particularly, a scientific discipline is an incalculable gift which leavens his whole life, giving exactness to his habits of thought and tempering the mind with that judicious faculty of distrust which can, alone, amid the uncertainties of practice, make him wise unto salvation. For perdition inevitably awaits the mind of the practitioner who has never had the full inoculation of the leaven, who has never grasped clearly the relation of science to his art and who knows nothing of the limitations of either."

FOLLOWING the Academic Processional, President Bodine greeted the guests, extending warm greetings to the Class of 1966, and then introduced members of the Board of Trustees and Administration seated on the platform.

Mr. Bodine stated that the incoming Class numbers 175, representing the top 12 percent of the 1,377 bona fide applicants who were screened by the Admissions Committee. The 175 members of the class come from 16 states and Hong Kong and include representatives of 86 colleges. Twenty-six are the sons of Alumni.

"This," he said, "is striking proof of the pride that



Senator Stiefel, long-time friend of Jefferson, attended Opening Exercises and the Reception.

Dr. and Mrs. Sodeman and Mr. and Mrs. Bodine greet guests at the Reception.





Dr. Elmer J. Elias, Class of 1928, chats with his son, Robert Paul, and George Marshall Tai, both members of the incoming class. Mr. Tai's father, Dr. En Shui Tai, is also a member of the Class of 1928.

physicians have in their own profession and the loyalty of Jeffersonians to their old school. Even more impressive is the fact that five of you are sons of distinguished faculty members serving Jefferson at the present time—Messrs. Chase, Elias, Lintgen, Hodes and Friedman.”

Mr. Bodine pointed out that almost 75 percent of the incoming class are residents of Pennsylvania, “which is,” he said, “as it should be, for Jefferson, along with the five other medical colleges in the Commonwealth, receives substantial aid from the State, and, as is well known by our good friends Senators DiSilvestro and Stiefel, who honor Jefferson by their presence this evening, we are looking to the General Assembly in its session next year to authorize almost 13 million dollars to enable the General State Authority to assist us with the implementation of Jefferson’s 40 million dollar Development Program.”

Mr. Bodine said that probably the most distinctive quality of the Class of 1966 is that it includes ten women, the second group of coeds to attend Jefferson.

To all of the incoming Class, he promised that each would have at his disposal “the friendship and the extensive professional knowledge of one of the most outstanding and dedicated medical college faculties in this country, with the facilities and equipment necessary to

complete your medical training as an undergraduate student.”

He said also that the construction of the New Basic Science and Students Commons Buildings, followed by residential facilities, would provide the school with “the most modern and attractive physical plant of any medical college in America.

“Our primary mission is to do everything we possibly can to assist you,” he continued, “but, to a very large degree, it is up to you to get the most out of your time here at Jefferson, so that upon graduation, you will be equipped to the maximum of your abilities to carry on the great profession of medicine which you have chosen as your life work.

“AND so,” he concluded, “in what has been termed the ‘Golden Age of Medicine’, let us all together—to the glory of Jefferson—employ wisdom in moving ahead to longer life, less disease, better international understanding and the kind of superlative quality of health for all men for which mankind has worked so long.”

Mr. Bodine then introduced Dean Sodeman, who said that he had already welcomed the incoming students when classes opened that morning and that for the

second time he had had the pleasure of addressing the freshmen as "Ladies and Gentlemen." He said that last year we had welcomed nine young ladies, all of whom are still with us and he expressed the hope that the ten in this group will receive their degrees four years hence.

Dean Sodeman voiced his pleasure at the presence of so many parents and wives at the opening ceremonies and remarked that we are particularly pleased that an enthusiastic group of "medical school widows" have organized a club for students' wives at Jefferson. This group is an affiliate of the Woman's Auxiliary to the Student American Medical Association and they, too, give degrees. At the farewell party for senior wives they are awarded their "PHT" degrees for "putting husbands through."

"The first days and weeks in medical school are often disappointing," the Dean continued. "Class hours are long. The student has just finished in college advanced studies in his major and is suddenly plunged into fundamentals again—back to the A, B, C's of a new field. This sometimes depresses the student, especially the good

student. Surroundings are difficult—entirely changed. Besides, he's on his own. It is a very trying period and sympathy and help at and from home are very important. We hope you wives and parents will help us with your young men and women in this beginning period. And we hope all weather the stormy first days."

DR. Sodeman then announced changes in the faculty since the last session. He said that 108 new appointments have been made, bringing our faculty to full strength of 790. Among the new appointments are three members of the Executive Faculty: Dr. Floyd S. Cornelison as Professor and Head of the Department of Psychiatry; Dr. Thomas D. Duane, as Professor and Head of the Department of Ophthalmology and Dr. E. Harold Hinman as Professor and Head of the Department of Preventive Medicine. Dr. Laurence G. Wesson, Jr. has been appointed as Professor of Medicine and will head the Renal Research Unit.

(A full list of faculty changes appears on page 12 of this issue.)

Following Dean Sodeman's remarks, Mr. James M. Large, Chairman of the Board of Trustees, awarded the following undergraduate prizes:

Appleton Century-Crofts, Inc. Prize—Medical Publications to the student who passes the best general examination at the end of the Junior Year, to Joseph Morris Farber.

Physiology Prize—A Gold Medal, awarded by bequest of Dr. Francis W. Shain, for the best essay, or the best examination, on a subject pertaining to Physiology (open to undergraduates of the First Year), to Ronald Kenneth Sandberg, with Honorable Mention to Harvey Jay Bellin.

Anatomy Prize—A Gold Medal, awarded upon the completion of the Freshman Year, to the student who has achieved the highest combined academic and research activity performance, to Robert Jay Echenberg.

Roche Award—A Gold Omega Wrist Watch, awarded by Hoffman-La Roche, Inc., to a Sophomore Student, demonstrating outstanding scholarship, character, personality and seriousness of purpose, to Elliott Mark Stein.

American Cancer Society Prizes—Prizes awarded in a student essay contest, sponsored by the American Cancer Society. First Prize: to David Paul Shreiner, Junior Student. Second Prize: to David Brooks Paul, Sophomore Student.

At the close of Dr. Coon's thought-provoking address, Mr. Bodine announced the conclusion of the Opening Exercises of the 139th Session of the Jefferson Medical College and invited everyone to attend the reception which followed in the College Library.

*Female members of the Class of 1966
enjoy an informal chat at the Reception.*





Dr. Laurence G. Wesson, Jr.

Dr. Laurence G. Wesson, Jr. Appointed Professor in the Department of Medicine

LAURENCE G. Wesson, Jr., M.D., has been appointed by the Board of Trustees as Professor of Medicine, in the Department of Medicine, of which Dr. Robert I. Wise is Magee Professor and Head of the Department. He has been given the responsibility for the direction of the Division of Renal Disease and Electrolyte Metabolism of the Department of Medicine. He assumed his duties on July 1, 1962.

Doctor Wesson is an outstanding authority in the field of Renal Physiology and, although he is pre-eminently an experimental and theoretical scientist, he is also a competent clinician and an experienced teacher.

His strong interest in research was evidenced even in his undergraduate days, for while attending Haverford College, from which he received his degree in Chemistry, *summa cum laude*, he became an authority in myrmecology and several of his papers were so outstanding that a genus of ant (*Wessonistruma*) was named for him by other workers in the field.

Dr. Wesson attended Harvard Medical School and, while a student there, under the supervision of Dr. Austin Brues, he undertook a study of the kinetics of potassium ion movements across cell membranes. Although this work was done in 1941-43, the early days of radioactive tracer studies, its conclusions remain unchallenged. (Publication was delayed until the conclusion of World War II.)

Following his graduation from Harvard Medical School in 1942, he took his internship at Boston City Hospital. He was then called into military service and, after his discharge in 1946, he joined the faculty of New York University College of Medicine as an Instructor in Physiology. There, in collaboration with Dr. W. P. Anslow, he outlined and carried through a research program and was the principal architect of the "Smithian" (Professor Homer W. Smith) school's concept of salt and water excretion by the mammalian kidney.

Doctor Wesson, in collaboration with Doctors Smith and Anslow, authored a number of articles on their research. He is the author of an advanced text, which

is now in press, on the basic physiology of the kidney.

Until accepting the appointment at Jefferson, Doctor Wesson had continued his association with New York University College of Medicine, having advanced from Instructor to Associate Professor of Medicine.

As a clinician, Doctor Wesson also has had wide experience. He has been Assistant Visiting Physician, Associate Visiting Physician and Visiting Physician at Bellevue Hospital as well as Assistant Attending Physician and Associate Attending Physician at University Hospital in New York City. Doctor Wesson is Board-certified in Internal Medicine and continues his strong interest in problems of kidney disease and disturbances in electrolyte metabolism. During his association with Bellevue and University Hospitals, from 1951 until coming to Jefferson, he has had wide experience with bedside teaching rounds, hospital case discussion and assistance of residents with patient management.

As a teacher, Doctor Wesson also has had many years experience as a formal lecturer in general physiology to both undergraduate and post-graduate medical students. He also has served as the "teacher" of research fellows, and five out of six of these young men have been awarded Fellowships by the United States Public Health Service or by the American Heart Association.

Doctor Wesson is a Diplomate of the National Board of Medical Examiners and of the American Board of Internal Medicine, and a Fellow of the American College of Physicians. He is a member of the American Physiological Society, the Harvey Society, the American Federation for Clinical Research and the American Heart Association.

Doctor Wesson is continuing and broadening his research activities as Professor of Medicine at Jefferson. He will give talks to the students, join in discussions with the House Staff and faculty, supervise selected Research Fellows and, as previously stated, direct the Renal Division.

He is married to the former Eleanor Roelse, and Doctor and Mrs. Wesson, with their four children, are living at 110 Montrose Avenue, Rosemont, Pa.

PROMOTIONS, NEW APPOINTMENTS, RESIGNATIONS AND DEATHS

PROMOTIONS

PROFESSORS

(without a seat on the Executive Faculty)

JOHN L. ANGEL, A.B., Ph.D., from Associate Professor of Anatomy and Physical Anthropology to Professor of Anatomy and Physical Anthropology.

AARON CAPPER, B.S., M.D., from Clinical Professor of Pediatrics to Professor of Clinical Pediatrics.

KELVIN A. KASPER, M.D., from Associate Professor of Rhinolaryngology to Professor of Clinical Otolaryngology.

CHARLES WILMER WIRTS, B.S., M.D., from Associate Professor of Medicine to Professor of Clinical Medicine.

ASSOCIATE PROFESSORS

EUGENE ASERINSKY, Ph.D., from Assistant Professor of Physiology to Associate Professor of Physiology.

DANIEL L. GILBERT, A.B., M.S., Ph.D., from Assistant Professor of Physiology to Associate Professor of Physiology.

ROBERT J. MERKLIN, B.S., M.S., Ph.D., from Assistant Professor of Anatomy to Associate Professor of Anatomy.

CHARLES G. ROSA, A.D., A.M., Ph.D., from Assistant Professor of Anatomy to Associate Professor of Anatomy.

ALBERT W. SEDAR, A.B., Sc.M., Ph.D., from Assistant Professor of Anatomy to Associate Professor of Anatomy.

SIGFRID ZITZLSPERGER, M.D., D.M.H., from Assistant Professor of Anatomy to Associate Professor of Anatomy.

ASSISTANT PROFESSORS

JULES H. BOGAEV, B.A., M.D., from Associate in Urology to Assistant Professor of Clinical Urology.

JOHN J. DETUERK, B.S., M.D., from Associate in Surgery to Assistant Professor of Clinical Surgery.

FRANZ GOLDSTEIN, M.D., from Associate in Medicine to Assistant Professor of Medicine.

MARTIN GREEN, B.S., M.D., from Associate in Clinical Pediatrics to Assistant Professor of Clinical Pediatrics.

ADOLPHE T. GREGOIRE, B.A., M.S., Ph.D., from Instructor in Physiology to Assistant Professor of Physiology and from Research Biologist in Obstetrics and

Gynecology (Physiology) to Assistant Professor of Obstetrics and Gynecology (Physiology).

HOWARD C. LEOPOLD, M.D., from Associate in Medicine to Assistant Professor of Clinical Medicine.

BERNARD J. MILLER, B.S., M.D., from Instructor in Anatomy to Assistant Professor of Anatomy (Applied Anatomy).

IRVING JOEL OLSHIN, A.B., M.D., from Associate in Clinical Pediatrics to Assistant Professor of Clinical Pediatrics.

WESLEY WILKIN PARKE, B.A., M.A., Ph.D., from Instructor in Anatomy to Assistant Professor of Anatomy.

E. A. Y. SCHELLENGER, M.D., from Associate in Obstetrics and Gynecology to Assistant Professor of Clinical Obstetrics and Gynecology.

ARTHUR J. WEISS, B.S., M.D., from Associate in Medicine to Assistant Professor of Medicine.

JOSEPH COURTNEY WHITE, B.A., M.D., from Associate in Neurology to Assistant Professor of Neurology.

ASSOCIATES

RUDOLPH C. CAMISHION, B.S., M.D., from Instructor in Surgery to Associate in Surgery.

JOSEPH J. CAVA, B.A., M.D., from Instructor in Clinical Medicine to Associate in Clinical Medicine.

JAMES E. CLARK, B.A., M.D., from Instructor in Medicine to Associate in Clinical Medicine.

JACOB L. DROSSNER, A.B., M.D., from Instructor in Medicine to Associate in Clinical Medicine.

WILLIAM FRAIMOW, A.B., M.D., from Instructor in Medicine to Associate in Medicine.

BENJAMIN M. GALKIN, B.A., M.S., from Instructor in Radiologic Physics to Associate in Radiology (Radiologic Physics).

ROBERT S. GAMON, A.B., M.S., M.D., from Instructor in Surgery to Associate in Clinical Surgery.

AUGUSTIN GIORDANO, B.S., M.D., from Instructor in Pediatrics to Associate in Clinical Pediatrics.

JOHN R. GRIFFITH, B.S., M.D., from Instructor in Medicine to Associate in Clinical Medicine.

FARID I. HAURANI, B.A., M.D., from Instructor in Medicine to Associate in Medicine.

HAL E. SNEDDEN, M.D., from Instructor in Orthopedic Surgery to Associate in Orthopedic Surgery.

✓ IRWIN L. STOLOFF, M.D., from Instructor in Medicine to Associate in Medicine.

✓ FRANCIS J. SWEENEY, B.A., M.D., from Instructor in Medicine to Associate in Medicine.

MARGARET O. TSALTAS, A.B., M.D., from Instructor in Psychiatry to Associate in Clinical Psychiatry.

MAX WEIMANN, M.D., from Demonstrator in Pediatrics to Associate in Clinical Pediatrics.

WERNER K. R. WELZ, M.A., M.D., from Instructor in Psychiatry to Associate in Clinical Psychiatry.

INSTRUCTORS

MARGARET I. ANDERSON, A.B., M.S.W., M.D., from Assistant in Medicine to Instructor in Medicine.

ADOLPH F. BORKOWSKI, B.S., M.D., from Assistant in Medicine to Instructor in Medicine.

JOSEPH L. CARROLL, M.D., from Assistant in Medicine to Instructor in Medicine.

JEROME R. DORKIN, A.B., M.D., from Assistant in Medicine to Instructor in Medicine.

ANTHONY L. FORTE, A.B., M.D., from Assistant in Medicine to Instructor in Medicine.

MEYER H. FRIEDMAN, M.D., from Assistant in Medicine to Instructor in Medicine.

DAVID K. GINSBERG, A.A., B.A., M.D., from Assistant in Medicine to Instructor in Medicine.

CHARLES H. GREENBAUM, A.B., M.D., from Assistant in Dermatology to Instructor in Dermatology.

ARMANDO F. GORACCI, B.S., M.D., from Assistant in Anatomy to Instructor in Anatomy.

WILLIAM K. GORHAM, III, A.B., M.D., from Assistant in Surgery to Instructor in Surgery.

SIGMUND R. GREENBERG, B.S., M.D., from Assistant in Medicine to Instructor in Medicine.

ALLAN O. HOWLAND, B.A., M.A., Ph.D., from Assistant in Pediatrics (Psychology) to Instructor in Pediatrics (Psychology) and from Assistant in Psychiatry (Psychology) to Instructor in Psychiatry (Psychology).

JAMES M. HUNTER, B.S., M.D., from Assistant in Orthopedic Surgery to Instructor in Orthopedic Surgery.

HERBERT KEAN, B.A., M.D., from Assistant in Otolaryngology to Instructor in Otolaryngology.

RANDALL S. NADEN, JR., A.B., M.D., from Assistant in Medicine to Instructor in Medicine.

JOHN R. PATTERSON, B.A., M.D., from Assistant in Medicine to Instructor in Medicine.

F. LELAND ROSE, B.A., M.D., from Assistant in Obstetrics and Gynecology to Instructor in Obstetrics and Gynecology.

HERMAN M. SCHREINER, A.B., M.D., from Assistant in Anatomy to Instructor in Applied Anatomy.

HENRY C. STOFMAN, B.S., M.D., from Assistant in Surgery to Instructor in Surgery.

ANDREW A. SULLIVAN, M.D., from Assistant in Obstetrics and Gynecology to Instructor in Obstetrics and Gynecology.

WALTER M. UHLER, A.B., M.D., from Assistant in Pediatrics to Instructor in Pediatrics.

BASCOM S. WAUGH, B.S., M.D., from Assistant in Medicine to Instructor in Medicine.

JACOB S. WIENER, A.B., M.D., from Assistant in Medicine to Instructor in Medicine.

JACOB YANOFF, B.S., M.D., from Assistant in Medicine to Instructor in Medicine.

RESEARCH FELLOWS

SAUL LIPKIN, A.B., M.S., from Teaching Fellow in Microbiology to Research Fellow in Microbiology.

NEW APPOINTMENTS

PROFESSORS AND HEADS OF DEPARTMENTS

FLOYD S. CORNELISON, JR., B.A., M.D., M.S., Professor and Head of the Department of Psychiatry.

THOMAS D. DUANE, B.S., M.D., M.S., Ph.D., Professor and Head of the Department of Ophthalmology.

E. HAROLD HINMAN, B.A., M.S., Ph.D., M.B., M.D., M.P.H., Professor and Head of the Department of Preventive Medicine.

PROFESSORS

✓ LAURENCE G. WESSON, JR., A.B., M.D., Professor of Medicine.

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CONRAD E. ALBRECHT, B.A., B.D., M.D., Visiting Professor of Preventive Medicine.

DHIRENDRA C. LAHIRI, M.B., Ph.D., Visiting Professor of Microbiology.

VISITING LECTURERS

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JAMES T. WESTON, M.D., Visiting Lecturer in Legal Medicine (Department of Medicine).

ASSOCIATE PROFESSORS

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EUGENE J. GANGAROSA, A.B., M.D., M.S., Visiting Associate Professor of Microbiology.

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JOHN H. HARRIS, JR., M.D., Assistant Professor of Clinical Radiology.

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JAMES H. LEE, B.A., M.D., Assistant Professor of Clinical Obstetrics and Gynecology.

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ELWOOD K. HAMMOND, A.B., M.D., Associate in Clinical Pediatrics.

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OZDEMIR BINGUL, M.D., Research Associate in Dermatology.

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HELGA M. SULD, Ph.D., Research Associate in Pathology.

PAUL DONALD ZIMSKIND, A.B., M.D., Research Associate in Urology.

INSTRUCTORS

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GENENE MARIE BAKER, B.S., M.D., Instructor in Radiology.

DONALD L. CLARK, A.B., M.D., Instructor in Anesthesiology.

HERBERT E. COHN, B.S., M.D., Instructor in Surgery.

ARTHUR DRICKMAN, B.A., M.D., Instructor in Pathology.

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MORRIS FEITEL, M.D., Instructor in Pediatrics.

RUTH P. GOTTLIEB, B.A., M.D., Instructor in Pediatrics.

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ARTURO RODRIGUES-HERVADA, B. S., M.D., Instructor in Pediatrics.

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LOUIS PIERUCCI, JR., B.S., M.D., Instructor in Surgery.

JOSEPH FRANCIS RODGERS, B.S., M.D., Instructor in Medicine.

RAUL SAN MARTIN, B.S., M.D., Instructor in Physiology.

MILES H. SIGLER, B.A., M.D., Instructor in Medicine.

BUSHNELL SMITH, B.A., M.D., Instructor in Neurology.

JERRY STIFFEL, B.A., M.D., Instructor in Applied Anatomy.

GEORGE P. STUDZINSKI, B.S., M.D., Ch.B., Instructor in Pathology.

EDWARD M. SULLIVAN, M.D., M.S., Instructor in Obstetrics and Gynecology.

TIBOR D. WAGNER, M.D., Instructor in Otolaryngology.

SIDNEY WALLACE, B.A., M.D., Instructor in Radiology.

RICHARD M. WELCH, B.S., M.S., Ph.D., Instructor in Pharmacology.

JOHN J. WELSH, M.S., M.D., Instructor in Otolaryngology.

DORIS WILLIG, M.D., Instructor in Psychiatry (Pediatrics).

ASSISTANTS

WILLIAM D. ALLISON, B.A., M.D., Assistant in Medicine.

DOROTHY E. BAKER, B.A., M.D., Assistant in Psychiatry.

ARNOLD A. BANK, A.B., M.D., Assistant in Clinical Neurology.

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*ELSIE W. CHU, M.D., Assistant in Pediatrics.

BEATRICE DiMARCO, B.A., M.D., Assistant in Anesthesiology.

RICHARD J. EBERLY, A.B., M.D., Assistant in Medicine.

JACK E. GITTERMAN, M.D., Assistant in Psychiatry (Pediatrics).

WALTER G. GUNN, A.B., M.D., Assistant in Radiology.

MILTON IVKER, B.A., M.A., M.D., Assistant in Urology.

HYMAN R. KAHN, B.S., M.D., Assistant in Medicine.

EDWIN U. KEATES, B.S., M.A., M.D., Assistant in Ophthalmology.

RICHARD H. KEATES, B.A., M.D., Assistant in Ophthalmology.

BENJAMIN KENDALL, B.A., M.D., Assistant in Obstetrics and Gynecology.

JAY ALAN KERN, B.S., M.D., Assistant in Medicine.
MARVIN ALLAN KRANE, B.A., M.A., M.D., Assistant in Obstetrics and Gynecology.

ARTHUR B. H. LEE, B.S., M.S., M.D., Assistant in Obstetrics and Gynecology.

FRANK L. LIPPO, B.S., M.D., Assistant in Obstetrics and Gynecology.

SOL LUBIN, B.S., M.D., Assistant in Medicine.

JAMES CHARLES McLAUGHLIN, A.B., M.D., Assistant in Obstetrics and Gynecology.

JOHN A. MARCHESANI, B.A., M.D., Assistant in Pediatrics.

GILBERT A. MARTIN, M.D., Assistant in Orthopedic Surgery.

JOSEPH JOHN PRICE, B.S., M.D., Assistant in Obstetrics and Gynecology.

JOHANNES CARL SCHMUCK, M.D., Assistant in Neurology.

ROBERT H. SCHWAB, B.A., M.D., Assistant in Medicine.

JERRY STIFFEL, B.A., M.D., Assistant in Surgery.

WILLIAM S. TASSMAN, B.S., M.D., Assistant in Ophthalmology.

SEYMOUR WAGNER, B.A., M.D., Assistant in Otolaryngology.

MARTIN M. WIDELITZ, B.A., M.D., Assistant in Medicine.

RESEARCH FELLOWS

VU QUI DAI, M.D., Research Fellow in Microbiology.

JUNZO IIDA, M.D., Ph.D., Research Fellow in Surgery.

LAILA AFIFY NAHHAS, M.D., Research Fellow in Microbiology.

M. ATAUR RAHMAN, M.B.B.S., M.P.H., Research Fellow in Microbiology.

PHILIP K. RUSSELL, M.D., A.B., Visiting Research Fellow in Microbiology.

MASANOBU SHIGETA, B.M.Sc., M.D., Research Fellow in Pediatrics.

LE MINH TRI, M.D., Research Fellow in Otolaryngology.

JIT VAREENIL, M.D., Research Fellow in Pediatrics.

TEACHING FELLOWS

RONALD P. JENSH, A.B., M.A., Teaching Fellow in Anatomy.

GERARD J. MCGARRITY, B.S., Teaching Fellow in Microbiology.

*Formerly listed under maiden name of Elsie W. Hau, M.D.

LEONARD M. ROSENFELD, A.B., M.A., Teaching Fellow in Physiology.

FRANCIS J. SULLIVAN, A.B., M.S., Teaching Fellow in Physiology.

JOSE R. YUNEN, B.S., M.D., Teaching Fellow in Urology.

PROFESSORS EMERITI

(as of June 30, 1962)

WILLIAM T. LEMMON, B.S., M.D., Professor of Surgery.

NICHOLAS A. MICHELS, B.A., M.A., D.Sc., Professor of Anatomy.

HONORARY MEMBERS

EDWARD L. BORTZ, A.B., M.D., Clinical Professor of Medicine.

GEORGE J. WILLAUER, B.S., M.D., Clinical Professor of Surgery.

REYNOLD S. GRIFFITH, M.D., Assistant Professor of Clinical Medicine.

REUBEN L. SHARP, M.D., Assistant Professor of Clinical Medicine.

LEAVE OF ABSENCE

DANIEL L. GILBERT, A.B., M.S., Ph.D., Associate Professor of Physiology.

(one year—effective July 15, 1962)

CHANGE IN STATUS

ANNE M. AMBROMOVAGE, B.A., from Research Fellow in Physiology to Assistant in Physiology.

MARTIN F. TANSY, B.A., from Assistant in Physiology to Research Fellow in Physiology.

RESIGNATIONS

J. LAWRENCE ANGEL, A.B., Ph.D., Professor of Anatomy (Physical Anthropology).

CHARLES G. STEINMETZ, III, B.A., M.D., Associate Professor of Clinical Ophthalmology.

THOMAS A. LOFTUS, A.B., M.D., Associate Professor of Psychiatry.

SEYMOUR SCHOTZ, B.S., M.S., M.D., Associate Professor of Clinical Anesthesiology.

HENRY STEMPEL, B.S., Ph.D., Associate Professor of Microbiology.

MARVIN J. BLEIBERG, B.S., Ph.D., Assistant Professor of Pharmacology.

STANLEY DISCHE, B.S., M.D., D.A.B.A., Assistant Professor of Radiology.

WILLIAM G. DUNNINGTON, A.B., B.S., M.D., Assistant Professor of Clinical Medicine.

FRANK F. KATZ, B.S., M.S., Ph.D., Assistant Professor of Microbiology.

FRANCIS J. BONNER, M.D., Associate in Physical Medicine.

CONRAD C. L. BUCK, M.D., M.S., Associate in Clinical Anesthesiology.

TURGUT N. HAMDI, B.S., M.D., Associate in Clinical Ophthalmology.

BARBARA MULLOCK, Ph.D., Research Associate in Radiation Biology.

ROBERT W. PARK, Ph.D., Research Associate in Biochemistry.

ROBERT E. BERRY, B.S., M.D., Instructor in Surgery.

MORRIS FEITEL, M.D., Instructor in Pediatrics.

JOHN M. PULLIAM, JR., B.S., M.D., Instructor in Urology.

R. GERALD SUSKIN, B.A., M.D., Instructor in Pathology.

RICHARD J. EBERLY, A.B., M.D., Assistant in Medicine.

J. ROBERT FOX, A.B., M.D., Assistant in Ophthalmology.

MILTON J. FREIWALD, A.B., M.D., Assistant in Ophthalmology.

JACK GITTERMAN, M.D., Assistant in Psychiatry (Pediatrics).

LESTER KEISER, M.D., Assistant in Psychiatry.

ALBERT A. MERLIN, M.D., Assistant in Ophthalmology.

IGNATIUS SEGOVIA, B.A., B.S., M.D., Assistant in Anesthesiology.

LIONEL W. ROSEN, B.S., Graduate Teaching Fellow in Physiology.

JIT VAREENIL, M.D., Research Fellow in Pediatrics.

DEATHS

CHARLES R. HEED, M.D., Clinical Professor of Ophthalmology.

EDWARD J. DONNELLY, A.B., B.S., M.D., Associate Professor of Clinical Ophthalmology.

WILLIAM H. KRAEMER, M.D., Associate Professor of Oncology in the Department of Surgery.

JOHN T. EADS, A.B., M.D., Assistant Professor of Medicine.

JOHN J. DESTEFANO, Ph.G., B.S., M.D., Instructor in Obstetrics and Gynecology.

SOLOMON M. HAIMES, B.A., M.D., Instructor in Psychiatry.

THOMAS R. MORGAN, M.D., Instructor in Obstetrics and Gynecology (Honorary).

BIOCHEMISTRY AT JEFFERSON

(With Some Comments on Relevant Aspects of Ancient History)

WHAT is now the Department of Biochemistry was represented in the first Faculty of the Jefferson Medical College by the Chair of Chemistry, Mineralogy, and Pharmacy. The first occupant was Jacob Green, who came to Jefferson from Princeton, where he was Professor of Experimental Philosophy, Natural History, and Chemistry. He occupied this position at Jefferson until his death in 1841, being succeeded by Franklin Bache, 1841-1864, and D. Howard Rand, 1864-1877. Certain contemporary characterizations of these gentlemen give some intimation of the nature of instruction in this department at that time.

Gross said of Professor Green, that "he was familiarly known as 'Old Jakey' among the students, but in the outer world as an excellent Christian gentleman and chemical philosopher. His was a mind well stored with knowledge of natural sciences and of English literature, especially poetry, of which he was remarkably fond. In the early struggles of the school he had the good taste to refrain from controversy, and was thus fortunately able to retain the friendship of his colleagues."

Franklin Bache, a great grandson of Benjamin Franklin, headed the department until his death in 1864. On that occasion, it was stated that "he presented to young men entering upon the stage of active duties an example for their imitation of all that is morally excellent, lovely, and of good report in manhood."

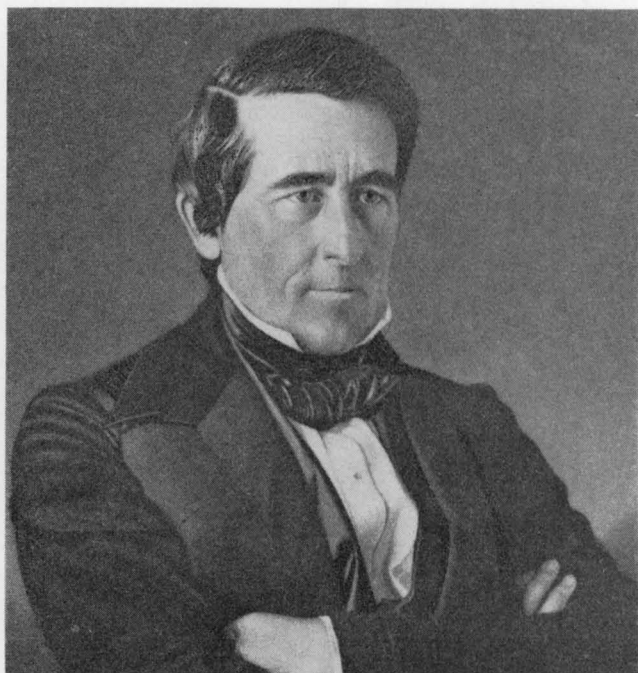
B. Howard Rand was immortalized in a portrait by Thomas Eakins which hangs on the main stairway of the present College building. He was said to be an austere, dignified person, whose "Medical Chemistry," published in 1865, was for several years a popular reference and text-book with the medical profession.

In 1877, with the appointment of Robert E. Rogers, the designation of the department was changed to "Medical Chemistry and Toxicology." Rogers came from the University of Pennsylvania, where he had been Professor of Chemistry for 25 years. J. W. Mallett, Professor of Chemistry in the University of Virginia, occupied this chair during the session, 1884-1885, at which time he returned to Virginia. He was succeeded by James W. Holland, who continued in this position for a period of 27 years, for 25 of which he also served as Dean



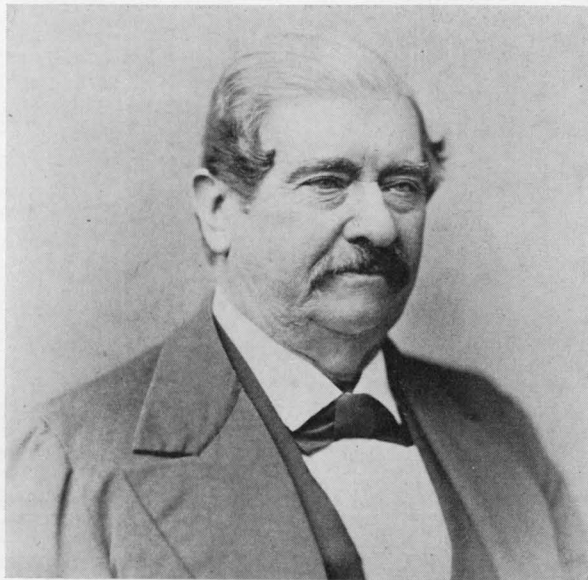
Jacob Green, M.D.

Franklin Bache, M.D.





(above) B. Howard Rand, M.D.



(above) Robert E. Rogers, M.D.

(below) J. W. Mallett, M.D.



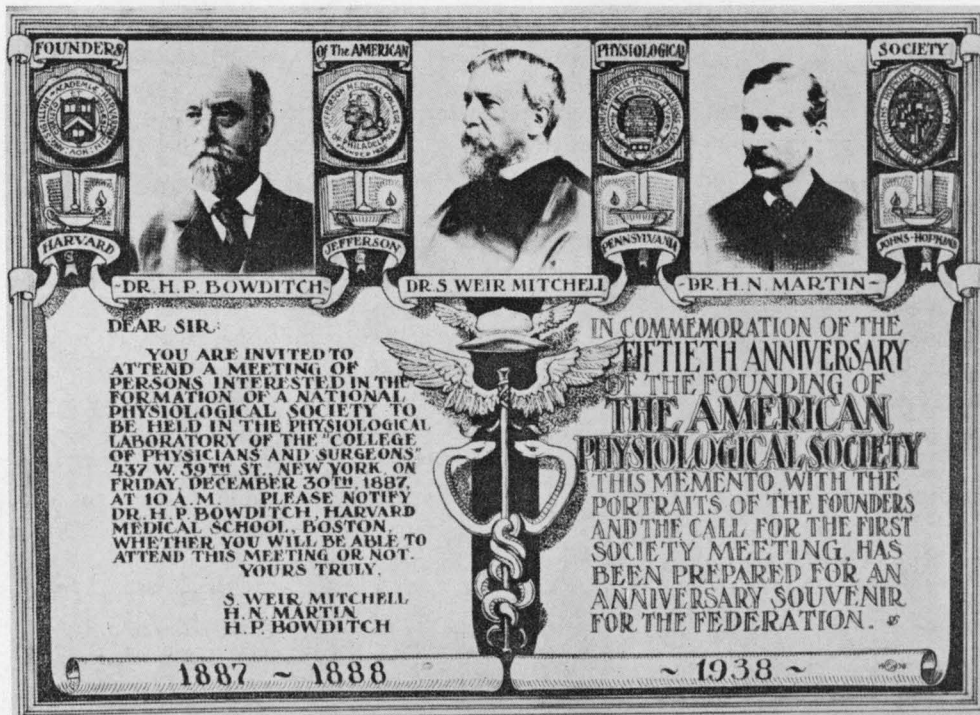
of the College. He came from Louisville, where he had an unusual professional and academic career. Appointed originally as Assistant Demonstrator of Anatomy, in 1872 he was elected Professor of Medical Chemistry and of Clinical Neurology, subsequently occupying the chairs of Materia Medica, Clinical Medicine, and, finally the Practice of Medicine and Clinical Medicine. His textbook, "Medical Chemistry and Toxicology," was a standard work in that field.

THE basic medical sciences were in their infancy in the United States during the nineteenth century, and, apart from descriptive anatomy and pathology, were largely neglected in the medical curriculum. Dunglison, at Virginia, before coming to Jefferson, taught not only physiology, but also anatomy, materia medica, pharmacy, and medical history. At Jefferson, his department was designated "The Institutes of Medicine and Medical Jurisprudence," which included physiology. At Harvard, Oliver Wendell Holmes was responsible, until 1871, for instruction in anatomy, physiology, and miscellaneous related subjects. He once stated that he occupied not a chair but a settee.

Biochemistry is essentially a modern discipline. It has its roots not only in the chemistry of previous centuries, to which it bears little resemblance, but also in physiology, to which it is closely related. The first teaching laboratory of physiology was established at Harvard in 1871, and the first laboratory of physiological chemistry at Yale in 1874, followed soon by similar laboratories at Michigan and Columbia.

There seems little doubt that Jefferson's isolated position as a professional school, uninfluenced by academic contact with basic science departments of a university, delayed the development of its departments of medical sciences. The reputation of our school, as of others, rested upon its eminent clinicians and clinical teachers during this period, the nineteenth century, when medical sciences were almost purely descriptive, not experimental. Cadavers for dissection and patients for observation were the chief requirements. Although these infant disciplines received little nourishment within its walls during this early period, Jefferson did exert a profound influence upon their development, testimony to the fact that the influence of an educational institution extends far beyond the limits of its physical and academic structures. This role of our Alma Mater in the history of American medicine is not generally appreciated.

One of the milestones in the development of basic medical sciences in the United States was the formation of the American Physiological Society in 1887. The first annual meeting was held at the Jefferson Medical Col-

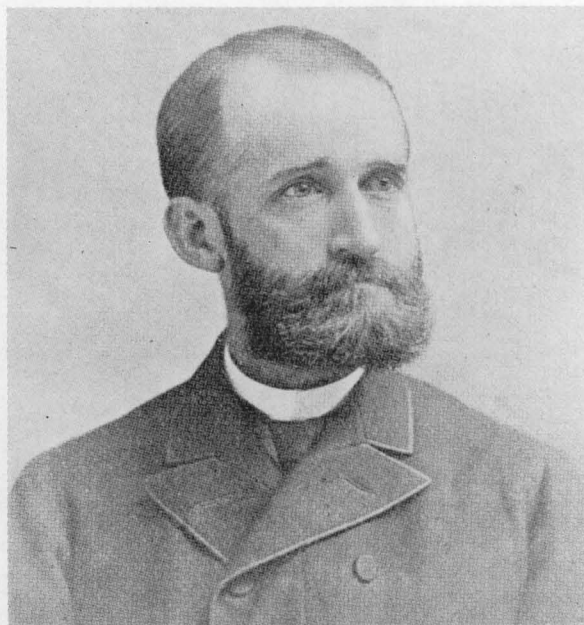


S. Weir Mitchell, M.D., one of the founders of the American Physiological Society, is honored on this commemorative souvenir distributed at the Fiftieth Anniversary Dinner of the Society in 1938.

lege in 1888, with S. Weir Mitchell as its first President. Certain incidents in the life and career of this man, perhaps our most distinguished alumnus, are of particular interest.

AS a college freshman at the University of Pennsylvania, he was twice reprimanded for disorderly conduct and once warned for deficiencies in scholarship. His father, J. K. Mitchell, Professor of Medicine at Jefferson, urged him to stop day-dreaming and to make up his mind as to his future work. He tried to persuade him to go into business, but the young man decided on medicine. His father was tremendously disappointed and said, "You have no appreciation of the life of a physician, and are wanting in nearly all the qualities that make for success in medicine." Apparently, even an able father may not know his own abler son. What would a present-day Admissions Committee have done with his application? This was one hurdle he did not have to take. Weir Mitchell entered Jefferson Medical College and wrote as follows concerning his first year as a medical student: "I had to learn to work, to concentrate attention. It came hard. I used to go over and over some confounded bone and fall asleep. The more abominable those dry bones became the more I worked. After six months of this drudgery I began to hear Dunglison's

James W. Holland, M.D.



lectures on physiology. This was very interesting. Although neither he nor anyone else taught physiology with experiments or illustrations, still it captured me. I think I began then to develop the desire to leave no riddle unsolved, and this has made the laboratory a delight to me."

Following his graduation in 1850 he went to Paris, where he was particularly interested in the course in physiology given by Claude Bernard. As stated by A. J. Carlson, one of the most distinguished of modern physiologists, "It is not without significance in the outstanding adult achievements of Weir Mitchell, that in his formative years as a medical student he came under the influence of the two ablest teachers of physiology of that period in America and Europe, Dunglison (Jefferson) and Bernard (Paris)."

IN the sixties, Weir Mitchell became an applicant, in turn, for professorships of physiology at Jefferson and Pennsylvania, and was turned down by the appointive authorities in both institutions. Carlson states, "I know not the reason, but I cannot praise their perspicacity, for they rejected one of the ablest, if not the ablest man of their generation, a man who would have done honor to any faculty, in any school, in any country, at any age." A somewhat different view was expressed by Oliver Wendell Holmes. In commenting on Mitchell's rejection by Jefferson, he said, "Perhaps it is hardly desirable that

an active man of science should obtain a professorial position so early, for I have noticed that the wood in academic Chairs has a narcotic quality which occasionally renders the occupants somnolent, lethargic, or even comatose." Mitchell, politically a Republican, attributed his rejection to "myopic Democrats on the Board of Trustees."

Unappreciated and discouraged by his father, rejected by his Alma Mater, Weir Mitchell nevertheless became perhaps the leading practitioner, certainly the foremost neurologist of his time in this country. Moreover, according to the distinguished physiologist, W. H. Howell, his experimental work clearly established his right to be regarded as the outstanding physiologist of the United States during the period preceding the establishment of the laboratories of physiology at Harvard and Johns Hopkins in the 1870's.

Austin Flint, Jr. was another stimulating Jeffersonian who came under the influence of Dunglison and Mitchell. Graduated from Jefferson in 1857, he studied with Claude Bernard in Paris and served as Professor of Physiology, successively, at Buffalo University, New York Medical College, New Orleans School of Medicine, and Bellevue Hospital Medical College. It is generally recognized that the interest in physiology of a number of young medical graduates in Philadelphia and New York was inspired mainly by Weir Mitchell and Austin Flint, Jr.

Philip B. Hawk, Ph.D.

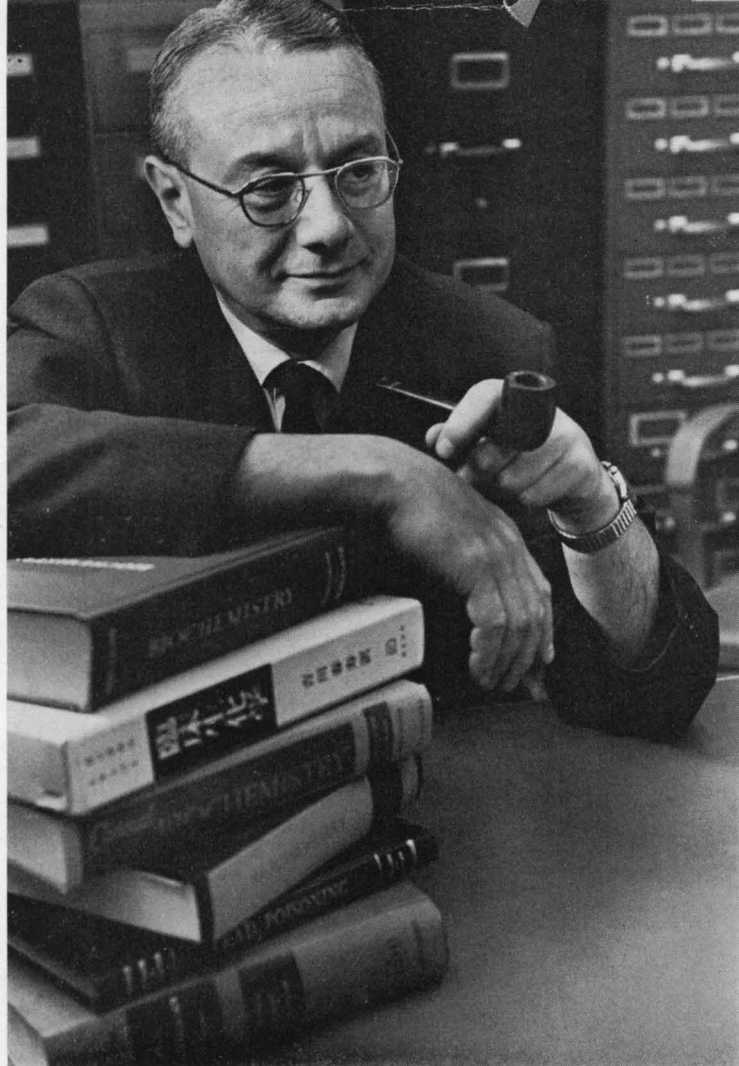


Withrow W. Morse, Ph.D.



George R. Bancroft, Ph.D.





*Abraham Cantarow, M.D.,
Professor of Biochemistry
and Head of the Department.*

Another remote influence of Jefferson was indicated by Philip A. Shaffer, one of the leading biochemists in the United States, and a charter member of the American Society of Biological Chemists, founded in 1906. This was another important milestone in the development of basic medical sciences in this country. On the occasion of the fiftieth anniversary of the founding of this society, he stated that he first became interested in science through his grandfather, who graduated from Jefferson Medical College in 1851, and whose imagination had been excited by the teaching of Dunglison.

THE original twenty-eight members of the American Physiological Society included S. Weir Mitchell, a Jefferson graduate, H. C. Chapman, Professor of the Institutes of Medicine at Jefferson and H. A. Hare, who came to Jefferson three years later. A. P. Brubaker, then an instructor under Chapman, became a member in 1890.

Significant of the subsequent status of medical sciences at Jefferson is the fact that forty-two years were to elapse before one of its graduates was admitted to membership in this or an affiliated organization.

In 1912, Holland retired from the Chair of Medical Chemistry and Toxicology, and was succeeded by Philip B. Hawk, the departmental designation being changed to "Physiological Chemistry and Toxicology." Hawk was an experienced investigator of the new school of biochemists, having worked with Atwater at Wesleyan and Gies at Columbia. He was a meticulous technician and a dynamic, inspiring lecturer, with a remarkable gift for clarity of expression and conciseness of presentation. Within a few years this department came to be recognized as an important center of biochemical research. However, this brief flurry of productive activity lasted only eleven years, and was followed by a prolonged period of scientific sterility. Hawk was succeeded by Withrow W. Morse (1923-1930) and George Bancroft



Lorenz P. Hansen, Ph.D., Associate Professor of Biochemistry, performs a titration in his steroid hormone studies.

(1931-1945), both of whom came to Jefferson from the Chair of Physiological Chemistry at West Virginia. This scientific relapse was particularly unfortunate because it was a period of enormous expansion of activity and knowledge in the field of biochemistry, which was contributing largely to progress in other medical sciences and in clinical medicine.

THE apathetic attitude of the College toward the basic medical sciences at that time was reflected in the pattern of academic structure of these departments. Until 1945, each (except Anatomy, regarded as a double department) had a personnel complement of only two to three full-time faculty members, including the Head, and one or two technical assistants. This was considered to be adequate for instruction of a class of 140-160 students. This lack of interest is illustrated, too, by an incident that perhaps deserves to rank with the rejection of Weir Mitchell in the 1860's. In 1930, when the Chair of Physical Chemistry was vacated by Morse, one of those interested in the position was a biochemist who had

already largely completed the work for which he was to receive the Nobel prize in Biochemistry and Medicine 15 years later. The fact that he had unfortunately lost one arm disqualified him for the position in the eyes of the Dean—"What can a one-armed man do in a chemistry laboratory?" Although on an emotional level one may be inclined to agree with Artemus Ward that "a good reliable set of bowels is worth any amount of brains," nevertheless on an intellectual level, certainly, one good brain is worth any number of hands, even to a biochemist. This was myopia of a different sort than that indicated by Weir Mitchell, but similarly handicapping. Fortunately, this visual defect proved capable of correction.

The first significant expansion of the basic science departments occurred in 1945, when the present pattern of departmental structure was established. Dr. Bancroft retired from the Chair of Physiological Chemistry and was succeeded by Abraham Cantarow, who had been a student under Hawk and was at that time Associate Professor of Medicine. The departmental designation



Bernard Schepartz, Ph.D., Associate Professor of Biochemistry, operates a Warburg apparatus for studying tissue respiration.

was changed to "Biochemistry" to conform to the changing nature of the subject matter dealt with in programs of instruction and research.

JEFFERSON had always maintained a position of supremacy in clinical fields. For the first time in its history it now provided an opportunity for development of its departments of basic medical sciences, a step that was essential if it were to continue as an academic institution of the first rank in an era in which progress in these disciplines was contributing so largely to progress in clinical medicine. The broadened base of experience and competence of the teaching staff in each of these departments not only improved the caliber of instruction,

but also resulted in considerable expansion of research activities. For the first time, too, it was possible to provide a student:instructor ratio approaching adequacy, a situation that had long existed in the clinical departments.

Present Department of Biochemistry

In addition to Dr. Cantarow, the present personnel of the Department of Biochemistry includes: three Associate Professors (L. P. Hansen, R. H. De Meio, B. Schepartz); two Assistant Professors (M. Toporek, A. Allen); one Associate (T. L. Williams); one Graduate Teaching Assistant (R. Cenedella). One secretary and five technicians are provided by the departmental budget. A full-time pathologist (J. W. Goddard) and five technicians are supported by extramural research grants.

Teaching Program

From the time of its organization, in 1945, the present Department of Biochemistry has felt that its primary obligation is to provide for the best possible instruction of undergraduate medical students. Changes, some of them radical, have been made periodically in the programs of didactic and laboratory teaching, all to one end—benefit to the student.

The former "cook-book" type of laboratory procedures has been discarded. The students are instructed in the principles and use of modern biochemical techniques and apparatus, including photometers, pH meters, paper chromatography and electrophoresis, tissue homogenization, cell fractionation, radioisotope studies, tissue respiration (Warburg), in addition to conventional methods of quantitative analysis.

The laboratory exercises consist of experimental problems posed for solution by the students in consultation with and under guidance by their instructors. This involves considerable use of the library, and the development of familiarity with important source literature and the proper design of experiments. One instructor supervises the work of a group of sixteen students, with whom he is intimately associated, both in the laboratory and in conferences. The adequacy of their comprehension of the subject matter is evaluated every three weeks by written examinations. Conferences are held continually with those whose performance is unsatisfactory in an attempt to discover and eliminate, if possible, the causes of difficulty. The various areas of biochemistry are presented didactically by those members of the staff regarded as most competent to do so by virtue of their specialized interests and experience. The lectures are designed to supplement the reading assignments and to



*Romano H. De Meio, Ph.D., Associate Professor of Biochemistry,
homogenizes liver tissue for studies of enzyme activities.*

clarify aspects of the subject matter that are likely to present difficulties.

Research Program

Extension of the boundaries of knowledge is another important responsibility of an academic institution. The Department of Biochemistry is engaged in programs of research, supported during the current year by six USPHS grants totalling over \$84,000. Every member of the department is involved in studies covering a wide range of subjects.

Cancer Research (Cantarow; Williams). One area of investigation is concerned with the broad subject of host-tumor interrelationships. Interest is centered particularly in the effects of the presence of a tumor elsewhere in the body on nucleic acid synthesis in the liver. This is studied by means of the incorporation of C¹⁴-labeled uracil into ribonucleic acids. Studies are made of nutritional and hormonal influences on this metabolic pathway in both tumor and liver. It has been found that alterations in these factors may reveal significant metabolic differences between neoplastic and non-neoplastic tissues that are not

otherwise apparent. Discovery of such differences has long been one of the primary objectives of cancer research.

Another large project (with J. Rupp, Department of Medicine) is concerned with the development of a rational approach to cancer chemotherapy, based mainly on the observations indicated above. These are designed to discover means whereby the toxicity of a tumoristatic agent for non-neoplastic tissues (liver, bone marrow, intestine) may be decreased without diminishing its effect on the tumor.

Biosynthesis of Sulfuric Acid Esters (De Meio). Conjugation with sulfate is an important process in the intermediary metabolism of a variety of substances. The work in this field here is concerned mainly with mechanisms of biosynthesis of heparin and chondroitin sulfate, mucopolysaccharides of considerable physiological and pathological significance.

Metabolism of Amino Acids in Brain (Schepartz). Studies are being conducted of the activities of enzyme systems concerned with amino acid metabolism in the brain

tissue of fetal mice. In recent years it has been found that certain congenital aberrations of amino acid metabolism are associated with states of mental deficiency. This work may throw some light on the pathogenesis of these metabolic defects, some of which may be due to persistence into adult life of a fetal enzymic pattern.

Vitamin B₁₂ Intrinsic Factor Interrelationships (Toporek). These studies are concerned with the role of the liver in the metabolism of Vitamin B₁₂ and its relation to Intrinsic Factor, matters of importance in an understanding of the pathological physiology of pernicious anemia and related hematological disorders. This work involves the use of radioactive cobalt-labeled Vitamin B₁₂

and the isolated rat liver perfusion system, which lends itself ideally to studies of this nature. This system is being used also in other studies to investigate plasma protein synthesis by the liver of tumor-bearing animals. *Color Reactions of Steroid Hormones* (Hansen). Improved methods for accurate measurement of minute amounts of steroid hormones has contributed largely to advances in clinical endocrinology. These studies are concerned with the development of new quantitative procedures and with further refinement of those currently in use.

Lipid Metabolism (Allen). Using rats subjected to dietary and hormonal variation, measurements are made of

*Milton Toporek, Ph.D.,
Assistant Professor
of Biochemistry, operates the in
vitro rat liver
perfusion apparatus
for studies of
Vitamin B₁₂ metabolism.*



the rate of incorporation of glucose, labeled with C^{14} in different positions, into the fatty acids of various tissues. Information is thereby provided on the relative rates of fatty acid synthesis from glucose and on the relative participation in this process of the two major pathways of glucose catabolism. Information of this sort may contribute to better understanding of aberrations of lipid metabolism in various clinical disorders.

This department has made significant contributions to scientific knowledge that have stimulated studies in laboratories throughout the world. Several new and fundamental concepts have been developed here. Recognition of these contributions has been accorded in the form of appointment of various departmental members to important national and international committees and their election to official positions in local and national scientific organizations.

(1) Studies in our laboratories (with C. W. Wirts) first demonstrated the biphasic mechanism of hepatic excretion of bilirubin and bromsulphalein, firmly established during the past few years by other investigators employing more precise techniques.

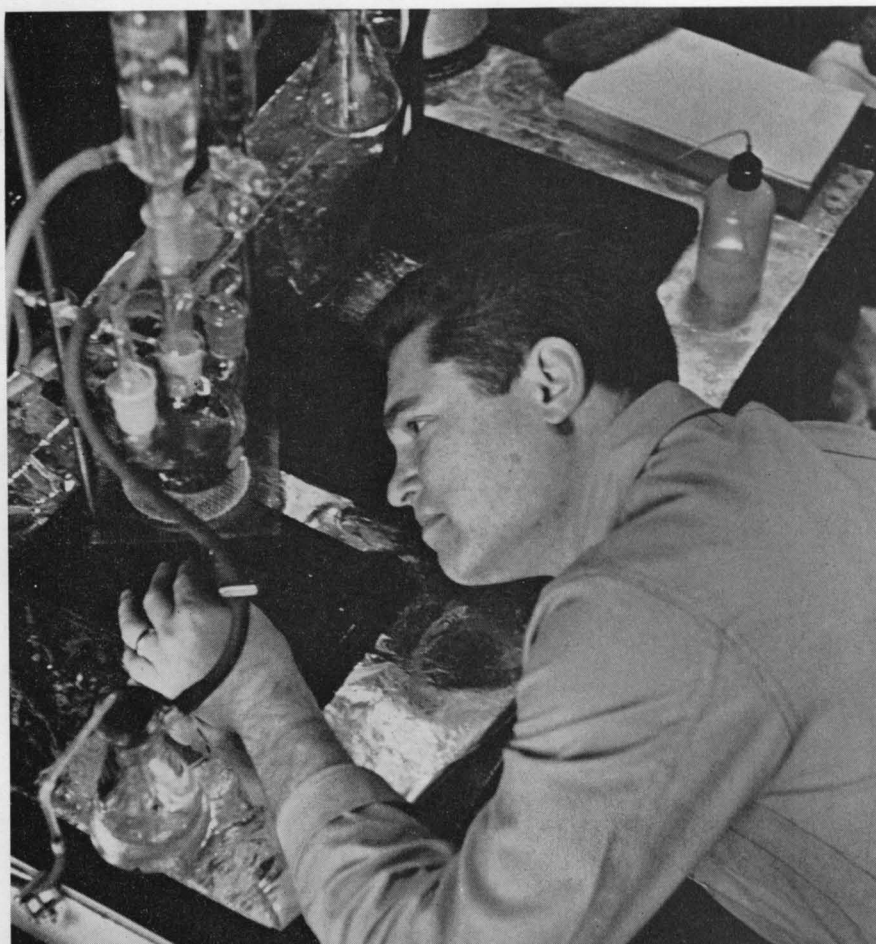
(2) Studies in our laboratories (with K. E. Paschkis and A. E. Rakoff) first directed attention to biliary excretion of estrogens as an important physiological mechanism. This was subsequently shown by others to apply also to other steroid hormones.

(3) Studies in our laboratories (with A. E. Rakoff and K. E. Paschkis) first emphasized the important role of plasma proteins in the transport of estrogens. This has since been established as an important principle in the transport of many hormones and in the regulation of their biological activity.

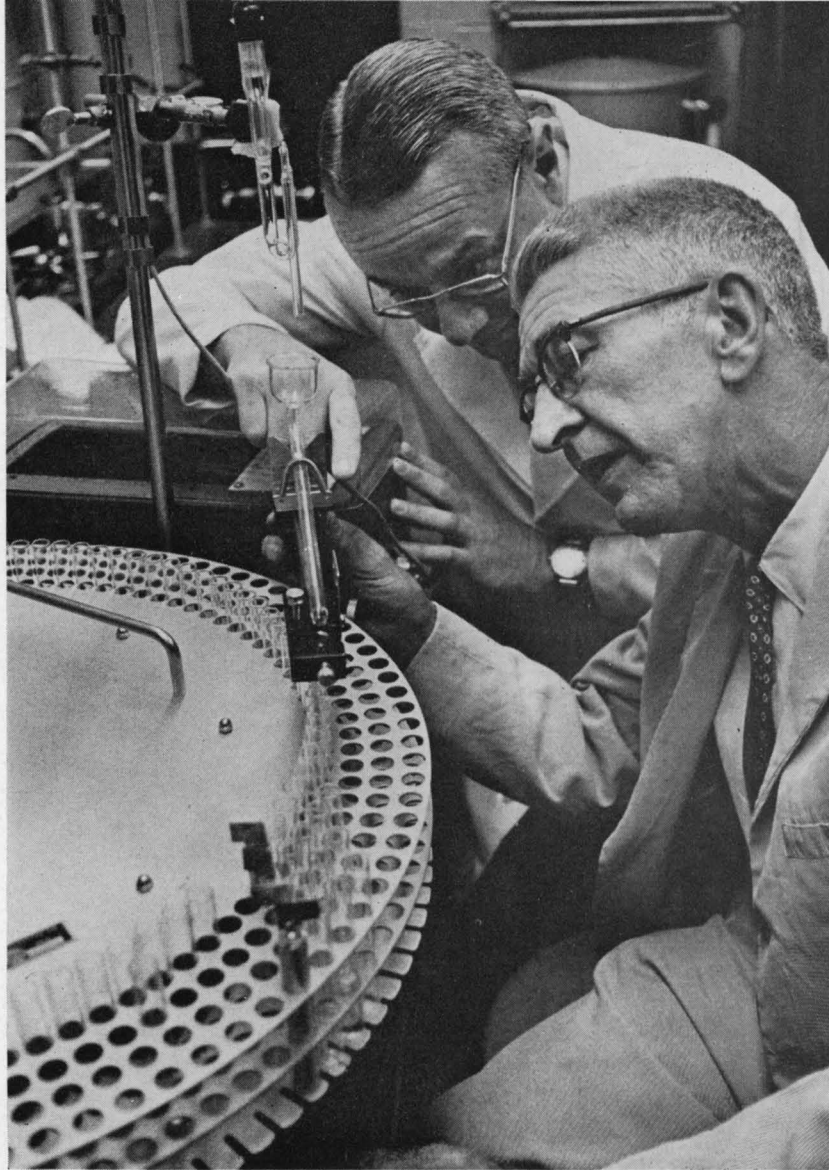
(4) Studies in our laboratories were among the first to elucidate the mechanism of sulfate conjugation by hepatic enzyme systems.

(5) Studies in our laboratories (with K. E. Paschkis and J. Stasney) first directed attention to certain fundamentally important hormonal influences on hepatic and mammary carcinogenesis by a chemical carcinogen, acetylaminofluorene. The development of liver tumors was found to be enhanced by testosterone and suppressed by hypothyroidism. Development of mammary tumors was found to be stimulated by progesterone.

*Arthur Allen, Ph.D.,
Assistant Professor
of Biochemistry,
operates apparatus
employed in
lipid fractionation.*



*Dr. Cantarow watches
with interest as
Thomas Lawrence Williams, B.Sc.,
Associate in Biochemistry,
operates an automatic
fraction collector for
chromatographic separations.*



(6) Studies in our laboratories first demonstrated the preferential utilization of uracil for nucleic acid synthesis by neoplastic and preneoplastic tissue in sharp contrast to its very limited utilization for this purpose by most normal tissues. This observation attracted widespread attention, stimulated interest in the metabolism of pyrimidines and led, among other things, to the introduction of fluorouracil and fluorinated uracil derivatives into clinical cancer chemotherapy.

Biochemistry at Jefferson is progressing, both in the realm of medical education and in research. The advancement of the department has made increasing demands upon the facilities. It is now necessary to accom-

modate seven faculty members, ten non-professional assistants, 176 medical students, and a variable number of graduate students in the medical sciences in an area designed in 1930 to accommodate three staff members, one to two technicians, and 145-150 medical students. The ever increasing requirements for instruments and facilities essential to effective teaching and research in modern biochemistry have made additional encroachments upon presently available space. The prospective new Basic Science Building will permit continued progress in teaching and research in this department that is necessary for maintenance of the enviable position that Jefferson holds among the medical schools of this country.

FACULTY

DR. PAUL APPLGATE BOWERS, Assistant Professor of Obstetrics and Gynecology, is the newly-elected President of The Obstetrical Society of Philadelphia for 1962-63.

DR. ANTHONY F. DEPALMA, James Edwards Professor of Orthopedic Surgery and Head of the Department, flew to South Vietnam on September 7 to spend six weeks working under the auspices of the CARE-MEDICO program established by the late Dr. Thomas A. Dooley. The basic idea of the program is to always have an experienced American doctor in Saigon to help establish modern medical practices. All physicians in the program not only contribute their time but also pay their own expenses.

Last year, Dr. DePalma spent a month in Japan on a similar project at his own expense, and five years ago he was in the Dominican Republic for three weeks on the same basis.

DR. THOMAS D. DUANE, Professor of Ophthalmology and Head of the Department, will direct the first comprehensive survey of eye research in this country, sponsored by Research to Prevent Blindness, Inc. The organization, established in 1960, is undertaking the study "to help stimulate the greatest scientific attack ever undertaken to find means of preventing blindness." The survey will include a detailed study of eye research programs and plans of all American medical schools and major research organizations.

DR. JOHN H. GIBBON, JR., Samuel D. Gross Professor of Surgery and Head of the Department, spoke on September 21 at a meeting of the American College of Chest Physicians in Philadelphia. His topic was "Current Status of Lobectomy."

On July 14, 1962, the College of Physicians of Philadelphia awarded the Alvarenga Prize for 1962 to Dr. Gibbon for his outstanding work on the development of the heart-lung machine and his major contribution to the whole field of thoracic surgery.

On October 3, he delivered the Alvarenga Lecture at a meeting of the College of Physicians on "Changing Concepts in the Therapy of Carcinoma of the Esophagus."

On October 5, Dr. Gibbon gave the 34th Annual Arthur Dean Bevan Lecture at a meeting of the Chicago Surgical Society, held at the Knickerbocker Hotel in Chicago.

DR. JOHN W. GOLDSCHMIDT, Associate in Physical Medicine, conducted a clinic for evaluation of arthritic patients at York Hospital, York, Pa., in August. His visit, sponsored by the York committee of the Arthritis and Rheumatism Foundation, was for the purpose of evaluating the need and kind of physio-therapy available in the treatment of arthritis.

Dr. Goldschmidt also spoke at the annual assembly meeting of the Pennsylvania Heart Association on September 15, in Reading, Pa. He spoke at the scientific session entitled "Atherosclerotic Cerebral Vascular Disease," or the problems related to the diagnosis and treatment of strokes.

DR. GEORGE A. HAHN, Clinical Professor of Obstetrics and Gynecology, delivered a paper entitled "Lymphangiography in Gynecology" at the recent 73rd Annual Meeting of The American Association of Obstetricians and Gynecologists. The meeting was held at "The Homestead" in Hot Springs, Virginia.

Also attending the meeting were DR. JOHN B. MONTGOMERY, Professor of Obstetrics and Gynecology and Chairman of the Department, DR. THADDEUS L. MONTGOMERY, Professor of Obstetrics and Gynecology, Emeritus, and DR. WARREN R. LANG, Associate Professor of Obstetrics and Gynecology, who was a guest of Dr. John B. Montgomery.

DR. FRED HARBERT, Professor of Otolaryngology and Head of the Department, presented a one-week course entitled "Hearing Testing" at Colby College, Waterville, Maine, from August 6 to August 13.

DR. NORTON HERING, Assistant in Surgery, has been appointed to the Department of Surgery at Haverford Hospital, Haverford, Pa. in association with DR. RICHARD J. CHODOFF, Instructor in Surgery. A Diplomate of the American Board of Surgery and the National Board of Medical Examiners, Dr. Hering is also a candidate for the American College of Surgeons.

NOTES

DR. THOMAS R. HOUSEKNECHT, Instructor in Psychiatry and DR. J. KENT YOUNG, Assistant in Medicine, have been appointed to the staff of The Burlington County Hospital in New Jersey. They will serve as Assistants to out-patients in the Department of Internal Medicine.

DR. DAVID J. LA FIA, Instructor in Neurosurgery, was the featured speaker in a panel discussion entitled "The Dedicated Doctor," on the program "Within Your Reach," aired over a Philadelphia FM station on September 2. "Within Your Reach" is presented by the Xavier-Damians Professional Men's Sodality of Philadelphia in association with St. Joseph's College and consists of a series of conversations on modern social problems. Dr. La Fia is a member of the Xavier-Damians Sodality and a graduate of St. Joseph's College.

DR. JOSEPH POTE LONG, Assistant Professor of Obstetrics and Gynecology, was elected Chairman of the 1962-63 Program Committee of The Obstetrical Society of Philadelphia.

DR. LEWIS C. MANGES, JR., Associate in Surgery, was elected President of the American Medical Golf Association at the Association's recent Annual Meeting.

DR. MALCOLM W. MILLER, Assistant Professor of Clinical Medicine recently was elected President of the Medical Staff of Lankenau Hospital, Philadelphia, Pa. Dr. Miller has been a member of the Lankenau staff since 1937. He also will now head Lankenau's medical board.

DR. THOMAS F. NEALON, JR., Associate Professor of Surgery, is Local Television Chairman for the series of on-the-spot telecasts of operations from Jefferson. The program is sponsored by Smith Kline & French Laboratories.

DR. ZYGMUNT A. PIOTROWSKI, Professor of Psychology, participated in a symposium at the recent 17th Annual Convention of the American Psychiatric Association. The symposium was entitled "The Contribution of the Projective Technique to the Question of Basic Personality Change Resulting from Psychotherapy." Dr. Piotrowski spoke on differentiation on tests

between changes in anxiety and changes in character structure.

DR. HERMAN L. RUDOLPH, Assistant Professor of Physical Medicine, was elected Vice President of the American Academy of Physical Medicine and Rehabilitation at the group's 24th annual meeting in August.

DR. WILLIAM T. SNAGG, Assistant in Medicine, has been appointed Director of Medical Education, a newly-created post, at Cooper Hospital, Camden, N.J. A member of Cooper Hospital's medical staff since 1939, he will correlate and supervise the hospital's teaching programs for interns, residents and medical students from Jefferson who receive part of their training at Cooper Hospital.

DR. WILLIAM A. SODEMAN, Dean and Vice President for Medical Affairs, participated in a Conference on Nutrition Teaching in Medical Schools conducted by the Council on Foods and Nutrition of the American Medical Association. The Conference was held at Schine Inn, Chicopee, Mass., July 29 to August 2, 1962.

DR. F. WILLIAM SUNDERMAN, Clinical Professor of Medicine and Director of the Division of Metabolic Research, received the Scientific Products Award at the annual joint meeting in Chicago of the College of American Pathologists and the American Society of Clinical Pathologists. He is a founding Governor of the former association and a past-President of the latter. The award is given for outstanding contributions to the advancement of Pathology.

Dr. Sunderman and Dr. F. WILLIAM SUNDERMAN, JR. have been named as Clinical Pathology Consultants at Kingston Laboratory, Kingston, N.Y. Each month, one of the Sundermans will lecture and demonstrate to the laboratory staff on some phase of procedure or use of special equipment. They also will be available to lecture to the local hospital medical staffs.

DR. WILLIAM H. WHITELEY, III, Assistant Professor of Clinical Neurosurgery, presided over the general sessions of the annual board of directors' meeting of the Christian Medical Society, held in Oak Park, Ill. recently. Dr. Whiteley has served as President of the Society and in other official capacities.

Did You Know . . .

DID you know that at one time Jefferson had a football team? And a wrestling team?

The following excerpt is from a letter written in 1956 by Dr. Frank M. Cleveland, Class of 1899, and recalls some of the colorful moments in Jefferson's athletic past. Our appreciation to Dr. Cleveland's widow who very thoughtfully sent us this enjoyable reminiscence.

In Dr. Cleveland's words:

"I felt that the Class of '99 should have a gymnasium and got in touch with Dr. Joseph Neff, Superintendent of Jefferson Hospital, who furnished and equipped a gymnasium in the basement of the College building which was used by members of the Class. Also, during our first year of 1895, a Jefferson Athletic Association was formed. . . . A football eleven was gotten together and games were played with various colleges. Bill Hearn [Class of '99], son of Dr. Joseph Hearn, the surgeon, made a very capable center. The first year's celebration in 1895 was held in the Hotel Belmont at

the corner of Tenth and Market, at which time we invited Dr. Holland, Professor of Chemistry at Jefferson, as our guest of the evening. We placed at his disposal a bottle of champagne which he apparently appreciated. One of the entertainment features of the evening was a wrestling bout between two of the Class [of 1899] members—Al Winebrake and Charlie Post—who wore red flannel shirts, dickies, and red neckties which had a rubber band attached to the lower end of the necktie and the upper collar so that when their vests were removed up flew the necktie to the collar. Both of the boys were 'huskies' and got a roaring applause."

And That . . .

JONATHAN Messersmith Foltz, of the Class of 1830, was the first man to hold the title of Surgeon General of the Navy, although the title then was Surgeon General and Chief of the Bureau of Medicine and Surgery. He was appointed to the position by President Grant.

ALUMNI PLACEMENT BUREAU

Positions Available

DUE TO the recent death of an Arkansas physician, there are openings in a new clinic-hospital available to two doctors interested in general practice and general surgery. It is accepted by the Arkansas Hospital Association and is a recognized participant in Blue Cross-Blue Shield. The construction of the building meets all regulatory codes. Physical layout consists of a large reception room, reception room office, two doctor's offices, laboratory, X-ray, fluoroscopy, orthopedic equipment, BMR, ECG and diathermy room. It is designed for a ten-bed capacity—two wards with three beds each and four single room beds. Also includes obstetrical and operating rooms, nurse's station, utility room, kitchen, and many rest room facilities for patients and working personnel. It is located approximately 43 miles from Memphis with a population estimate of the area being 40,000. There is a drastic need for physicians in the area; deceased physician had established a very successful practice.

FOR SALE—Fully equipped office and home combination in South Jersey. Eight miles from Atlantic City. Office includes a large waiting room, main office, nurse's office and four examining rooms. There is a large asphalt parking lot and adjacent land for expansion. Grossing \$35,000, second year in practice. Leaving to specialize. Mortgage can be arranged. Lot is 130x300 feet.

PENNSYLVANIA physician is interested in finding a partner for a well-established practice of internal medicine in a town of 15,000. The town has one other internist and good hospital facilities. Good opportunity for someone who either is eligible or already has his boards to share a practice that is too large for one man to handle.

GROUP of five family physicians in Santa Ana, California, wish additional doctors for the staff of their Family Medical Center.

Mr. Coffee Appointed Director of Jefferson Hospital

AT a meeting of the Executive Committee of the Board of Trustees held July 18, 1962, Mr. Maurice P. Coffee, Jr. was appointed as Director of the Jefferson Medical College Hospital. The appointment was made on the recommendation of a special Ad Hoc Committee comprised of Trustees, Administration and Medical Staff representation, and was made effective as of July 1, the start of the new fiscal year.

Mr. Coffee, who served as Acting Director for the four months preceding his appointment as Director, was graduated from Princeton (N.J.) High School and then took a degree in Institutional and Hotel Management at the Pennsylvania State University. He later earned a Master of Science degree in Hospital Management at Northwestern University. After holding an American College of Hospital Administrators post-graduate grant, he went to Shadyside Hospital, Pittsburgh, in 1958, as an Assistant Administrator. In January 1961, he was named Associate Director at Jefferson.

In his letter announcing the appointment of Mr. Coffee to the post, President William Bodine said that the "Committee was unanimous in its opinion that Mr. Coffee has demonstrated the necessary qualifications to serve effectively as Hospital Director in conformity with Jefferson's new administrative structure adopted earlier this year."

Four Alumni in Mayo Residencies

FOUR Jefferson graduates recently received appointments as Residents in the Mayo Foundation at Rochester, Minn., a part of the Graduate School of the University of Minnesota. Dr. Richard John Kline and Dr. Stephen Barry Sakulsky, both graduates of the Class of 1961, have been appointed Residents in the Department of Surgery. Dr. Charles Richard Druffner, Class of 1960, has accepted a residency in Internal Medicine. From the Class of 1955, Dr. Richard Brown has been accepted as a Resident in Pediatric Cardiology.

College Receives Research Grants

JEFFERSON Medical College was one of four Pennsylvania medical schools to benefit from the \$107,800 awarded by the Life Insurance Medical Research Fund for the purpose of heart disease research. Jefferson received \$22,000 of the total sum for study of direct mechanical support of failing myocardium. Dr. John Y. Templeton, III, will conduct the research.

Jefferson also was a recipient of a state allocation amounting to \$29,200 in August. It was one of twenty-seven institutions in Greater Philadelphia to be granted funds by the State of Pennsylvania.

Recent Graduates Complete Air Force Orientation

SEVERAL Jefferson graduates have completed the orientation course for officers of the medical service at Tinker Air Force Base in Oklahoma. They are Doctors Milton L. Kolchins, Class of 1959, Carl J. Meyer, Jr., '60, Victor R. Scarano, '61, William S. Taylor, '61, and James L. Wilson, '61. All five men hold the rank of Captain, and were given familiarization instruction covering administrative procedures, military medicine and medical service support of United States Air Force objectives.

Captain Kolchins, a Pediatrician and native Philadelphian, has been reassigned to the 86th Tactical Hospital at Ramstein Air Base, Germany.

Captain Meyer, from Williamsport, Pa., has joined the medical staff of the USAF Hospital at Mather Air Force Base, California.

Captain Scarano, a general practitioner from Philadelphia, is now attached to the 808th Medical Group at Mountain Home Air Force Base, Idaho.

Captain Taylor, a general practitioner and native of Jarrettsville, Pa., has been reassigned to Ent Air Force Base, Colorado.

Captain Wilson, of Wellsboro, Pa., is now serving on the general staff of the USAF Dispensary at McGuire Air Force Base, New Jersey.

Jefferson Graduate Practices Medicine on the Dark Continent

DARKEST Africa is no longer so dark, thanks to the efforts of men like Dr. J. Harold Housman, Class of 1956, who, for the past four years, has helped bring the light of the Twentieth Century to thousands of natives in Tanganyika.

Dr. Housman, a physician at Shirati Hospital on the shores of Lake Victoria, is now in Lancaster, Pa., to brush up on recent medical techniques. After a year's work on the staff of Lancaster General Hospital, Dr. Housman, his wife and two children—Pierre, five-and-a-half, and Ina Sue, three—will return to Shirati and continue the work they started in 1957.

"At that time we made up our minds to be missionaries and we still feel that way," Dr. Housman said in a recent newspaper article. "We like it at Shirati and are needed there. So, we're going back."

The hospital at Shirati was formerly supported by the Eastern Mennonite Board of Missions and Charities, Salunga. Within the past year, the hospital was turned over to the Africans, but the Mennonites still serve as advisors.

"Life at Shirati isn't much different than it is here," Dr. Housman said. "We lived in buildings much like we have here and there were other Americans and Europeans. Of course, some of the African customs were a little confusing.

"For instance, it is customary to stop and talk to anyone you pass on the street. Whether you know him or not you've got to stop and talk. If you just say 'hello' and keep on walking they consider it an affront. So, you stop and inquire about his health, his family and other things. And he does likewise."

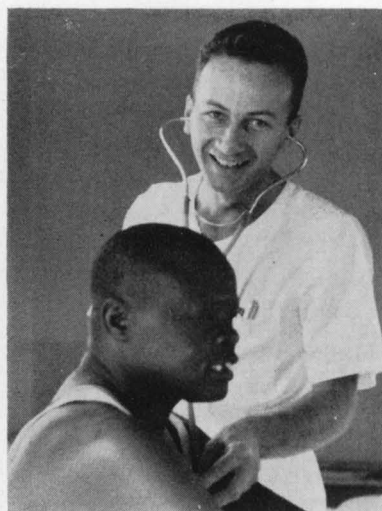
Dr. Housman and his wife Miriam learned Swahili before they left for Africa and had little trouble conversing with the natives.

At the hospital in Shirati, Dr. Housman treated diseases of all kinds, mainly tropical ones. Malaria and bilhartzia were most prevalent. "Nearly everybody has one or the other there," he said.

In addition to general medicine, the natives in the Shirati area are frequently offered specialized treatment. Many specialists visiting Africa are flown into Shirati,

where they spend a week or two treating patients. One such specialist was Dr. Paul H. Ripple, with whom Dr. Housman is now working at Lancaster General, who did eye surgery at the hospital while on a safari last summer.

Most Africans in the Shirati area are fairly civilized, Dr. Housman reports. Modern medicine is nothing new to them, since the hospital has been there about twenty-five years. Schools are under construction all over the



Dr. Housman treats an African patient.

country and English is being taught widely. Roads have penetrated the jungle and the natives have discovered the bicycle, which has helped open the country.

"Things are slowly being turned over to the Africans," Dr. Housman said. "They resent the white man running everything, and so, when an African can capably take charge, he is allowed. The Europeans and Americans there act in advisory capacities."

Despite the progress, however, dark spots still remain. Some natives still prefer ancient tribal rituals to modern



(left) The African Research Foundation's Mobile Clinic on one of its excursions into the bush areas of East Africa. (below) The Mobile Clinic in action, treating a group of natives.



medical treatment. Many of the people are still heathens and missionaries must also compete with the advance of Mohammedanism into the country.

"And," says Dr. Housman, "there is an acute shortage of doctors. There is one doctor to every 20,000 people. And they need more schools. There is still a lot of work to be done."

AN organization which helps missionary doctors such as Dr. Housman accomplish this work is the African Research Foundation. The objectives of the ARF are many: public health programs for East Africa; medical surveys to find the major medical needs in East Africa—the first time such surveys have been made in this area; cancer research; treatment, by means of their Mobile Clinic, in the bush areas where no medical facilities exist. The Foundation's Mobile Clinic is at Dr. Housman's disposal for about one month several times a year.

This organization also makes it possible to have specialists from America and Europe visit bush hospitals such as the one at Shirati. These physicians contribute their time and skills and, in return, see types and stages of disease and pathology which are rare in this country. They also get to see and know Africa in a way the average traveler does not.

ARF, now called the African Medical and Research Foundation, has been cooperating with the Sloan-Kettering Institute in Nairobi, Kenya, which is 200 air miles from Dr. Housman's station. They are conducting cancer research, using chemo-therapeutic agents especially in lymphosarcomas of the head and neck, of which that area of Africa has the highest world incidence.

Through ARF, there is available to every doctor in East Africa a twin-engine Aztec plane for transport of

patients from the bush to medical centers, free of charge, or to transport doctors to the bush hospitals which are equipped for general surgery as is the one at Shirati. This is an unique service in an area where road travel is long, difficult and expensive.

Dr. Housman says, "truly the practice of medicine in East Africa is most interesting and rewarding, especially with the services available through the African Medical and Research Foundation."

Mr. Michael Wood, plastic surgeon in Nairobi, is Executive Director of ARF, and he visits Shirati by plane several times each year to do plastic work and in the interest of the Foundation's work in that area. He also makes frequent visits to America for the same purpose. Prominent personalities, such as Arthur Godfrey, are also actively interested in the work being done by this group. Mr. Wood, who can be reached through the Foundation, would be glad to hear from anyone who would like to know more about their work.



More than 5000 people were vaccinated for smallpox at Shirati Hospital during a threatened outbreak.

A typical village hut contrasts sharply with the modern Mobile Clinic in the background.



Dr. Housman confers with Ernie Krenzin, pilot of the Missionary Aviation Fellowship plane, before taking off for a remote area of East Africa.

In addition to Mr. Wood, Dr. Tom Rees, plastic surgeon from New York, and Dr. Thomas, orthopedist from London, plus other specialists from Nairobi do work in the Shirati Hospital. The clinical material available in places like Dr. Housman's hospital impresses all who visit and work there.

The Housmans arrived in America on December 17, 1961. Reporting on their journey, Dr. Housman says, "... we came all the way by air from our little airstrip at the Shirati Hospital. Enroute we flew on seven different planes. During eleven days in Ethiopia we visited our mission hospitals and schools at six locations. Our children saw their first snow falling in Zurich, Switzerland. Later at Zermatt we rode in a horse-drawn sleigh instead of a taxi."

After spending three weeks in Florida with Dr. Housman's mother, the family stayed in Maryland with his in-laws until May. On May 1, they moved into a home eight miles from the Lancaster General Hospital where Dr. Housman started a General Practice Residency. There, he is concentrating on surgery, spending as much time as possible with Dr. Ripple in eye surgery. During the month of August, Dr. Housman took over a practice in Harman, West Virginia, for a vacationing physician.

Commenting on his year's sabbatical in this country, Dr. Housman said, "We devour mail from Tanganyika just as eagerly as we received letters at Shirati from the States."

Good luck to Dr. Housman and his family in their future efforts to bring 'light' to the Dark Continent!

We're Hoping for "A trout in the milk"

THOREAU once said "Some circumstantial evidence is very strong, as when you find a trout in the milk."

The Annual Giving Fund Committee is hopeful that this year we will get "strong circumstantial evidence"—even to a "trout in the milk"—of the loyalty and love Jefferson Alumni have for their Alma Mater. By "strong circumstantial evidence" obviously we mean contributions to our 15th Annual Giving Fund Drive.

Your Committee and Class Agents have been given the responsibility of raising funds each year to aid in the operation and maintenance of the College. These funds are Jefferson's life blood, whether they be used for teachers' salaries, new equipment, improvement of physical facilities or any of the other myriad needs of the College. Without these vital funds various important phases of College activity might, perforce, atrophy and die.

The Annual Giving Fund Committee and our some 70 Class Agents are most enthusiastic about the 15th Annual Giving Fund Drive which opened early in October. This year we feel confident we will achieve the goal of \$175,000, which we missed by only a few thousand dollars in the 14th Drive.

The Class Agents were guests of the Committee at a dinner at the Union League on September 26th and plans for the campaign were discussed. The Drive will be conducted along the same general lines as in the previous year with a few important exceptions.

The first main difference, which we are sure will find favor with our Alumni, is that the "Note Plan" has, at the suggestion of a Class Agent and with the approval of the Board of Trustees, the Executive Committee of the Alumni Association and the Annual Giving Fund Committee, been discontinued. All outstanding notes of members of the classes who participated in the Plan are being returned to the signers. Contributions from members of these classes may now be "earmarked" by the donors as "Unrestricted Funds," "Pre-Clinical Teaching

Salaries," "Research" or "Other", as the donor wishes. Since contributions in these classes need no longer be influenced by the amounts specified by the notes, we are hopeful that members of the "Note Classes" will give thoughtful consideration to giving amounts commensurate with their financial standings.

The second change is that Jefferson faculty members will not be solicited for Annual Giving until early in 1963. The reason for this alteration of schedule is that this Fall the faculty and staff will be asked to contribute to both the United Fund and Jefferson's Capital Funds Drive, and we do not wish to burden them unduly with requests for contributions. We feel sure, however, that the faculty members know better than any other group how important Annual Giving is to the operation of the College and we sincerely hope that when they are contacted later in the year for contributions to the 15th Drive, they will respond as generously as in the past.

Once again we are emphasizing participation. The Class Agents labor long and thoughtfully on their appeal letters to all of you, hoping always that they may strike the right note which will produce contributions from those of you who have, for too long, been unresponsive.

Last year our goal was \$175,000 and our final total was \$157,180. If each of our 2,958 non-givers had contributed as little as \$6.00, we would have achieved our goal. This should be conclusive proof that no contribution is insignificant, regardless of its size, and we urge each of you to consider very seriously joining your fellow Alumni in supporting our Alma Mater during the 15th Annual Giving Fund Drive. Your gift will be gratefully received and wisely used and we feel confident that you will derive a great feeling of satisfaction from your participation.

Remember that the gift that improves Jefferson adds value to the degree you obtained from Jefferson.

KENNETH E. FRY, M.D., *Chairman*

Our special thanks to the loyal Alumni who, upon receipt of their "forgiven" Notes, promptly sent checks to pay them in full.

1905

DR. ALEXANDER J. ORENSTEIN, Health Department, The Corner House, Johannesburg, Africa.

Dr. Orenstein, who has practiced in Johannesburg since 1914, and for eight years before that in Panama under W. C. Gorgas, recently delivered the address marking the opening of a medical history museum in Johannesburg.

In his very interesting talk, entitled "Mine Eyes Have Seen," Dr. Orenstein stressed the marvelous advancements made in modern medicine in the last half century by comparing today's practices with experiences he witnessed in the early years of this century. He said it was in this period that "regions of the body previously inaccessible to surgery have been made accessible . . . prophylactic inoculation has been developed . . . transmission of disease by insects has been demonstrated. This period saw the discarding of scores of drugs for the use of which there was little warrant, and of which it was said with some truth that the physician poured drugs of which he knew little into bodies of which he knew less." He said that "in this twentieth century we have seen banished the menace of epidemics which desolated cities—yellow fever, plague, cholera, typhus."

Describing his eye-witness accounts of practices in the early 1900's, Dr. Orenstein continued, "I saw wards full of typhoid cases. The routine treatment was immersion in cold baths, or wrapping in sheets wrung out of cold water, every three hours, if the temperature at that time was more than 102 degrees. . . . Perforations were fairly common and were dealt with by the surgeons, with varying success. . . . Pneumonia was another disease common in the wards. . . . In about 1910 the mortality from pneumonia among Mine Natives was around 10 per 1,000 employed. . . . In 1901-1905 there were no cardiographs. X-ray was in its infancy and used for bone cases only."

During these years, Dr. Orenstein said, blood transfusions were virtually unheard of. "The prevailing practice was to use normal salt solution, mostly sub-



Alexander J. Orenstein, M.D.

cutaneously and only occasionally intravenously. One was given me into the pectoral region and I had a fine abscess, the three inch scar of which is still there." Many operations were performed without anaesthesia and heart operations, except an occasional attempt at closing a stab wound, were unknown.

Dr. Orenstein traced the development of hospital facilities and medical services from their once desperately inadequate state to the present. "The dislike and fear of Africans for European medicine and hospitals prevalent in the early years of the century can hardly be believable to the younger medical men of today. Mine hospitals had security fences around them to deter absconding. There is no need for these now. The thousands of hospital beds provided for

Africans by the Provinces, and the crowded out-patient departments, as well as the many Mission hospitals, Red Cross, and similar clinics, are witnesses to the profound change of attitude."

Dr. Orenstein has been honored for his missionary work in Africa by many groups. His many titles include: Fellow, Royal College of Physicians; Honorable Fellow, Royal Society of Medicine; Honorable Fellow, Royal Society of Tropical Medicine; Fellow, Royal Society of Health; Emeritus Fellow, American College of Chest Physicians; Fellow, American Public Health Association; Companion, Order of St. Michael and St. George; Companion, Order of the Bath; Commander, Order of the British Empire; Knight, Belgian Order of the Crown.

NOTES

1905

DR. VICTOR M. REYNOLDS, 120 Main Street, Darby P. O., Colwyn, Pa.

Dr. Reynolds, who has never taken a vacation during 57 years of medical practice, celebrated his 80th birthday August 9, 1962. Dr. Reynolds is a staff member at Delaware County Memorial Hospital in Upper Darby, Pa. He has one son, Richard, who is a college professor, and one daughter, Blanche, the wife of a local pharmacist. Dr. Reynolds has one granddaughter, Susan.

1913

DR. FREDERICK C. FREED, 59 East 54th Street, New York 22, N.Y.

Dr. Freed writes: I had a delightful summer tour through England, Wales, Scotland and Ireland. Attended the 10th British Congress of Obstetrics and Gynecology at Bristol, England. Since then have bet on *brave* horses along the way—mine chased all the other horses around the track!! The Dublin Horse Show was super—over 2000 entries in most beautiful settings—really a sight."

1922

DR. A. ALLEN GOLDBLOOM, 60 East 96th Street, New York 28, N.Y.

Dr. Goldbloom was lauded in the June issue of the New York Medical College's Alumni magazine "The Chironian," for his efforts on behalf of the College's new Research Center. Dr. Goldbloom helped bring about a \$2 million bequest from the estate of Congressman W. W. Cohen's late wife, Sophie D. Cohen. He was her physician and personal friend. The money is providing the principal private funds for the Research Center's construction.

Dr. Goldbloom also was honored recently by Professor Salomon Beilis Bribiesca, a Mexican chemist and biologist, who has dedicated his thesis on Diagnex Blue to him. Dr. Goldbloom helped the author in his investigation of Diagnex Blue.

1926

DR. PASCAL F. LUCCHESI, Tabor and York Roads, Philadelphia 41, Pa.

Dr. Lucchesi, Executive Vice-President and Medical Director of Philadelphia's Albert Einstein Medical Center, was given the 1962 "Man of the Year" award by the Order of Brotherly Love, a fraternal organization with some 3500 members in Philadelphia and Southern New Jersey. The award, an inscribed bronze and marble plaque, was presented to Dr. Lucchesi at a banquet on June 2, 1962 for some 500 persons marking the Order's 16th biennial convention. The award was given for "outstanding and unselfish dedication and devotion to the medical profession . . . for gaining recognition because of excellent administrative abilities . . . and for civic pride and fortitude in striving to reach the truth even in the face of overwhelming odds."

1927

DR. SAMUEL M. DODEK, 1730 Eye Street, N.W., Washington, D.C.

Dr. Dodek was the recipient of a plaque presented to him by the Howard F. Kane-A.F.A. King Obstetrical Society, an honorary students' society of The School of Medicine of the George Washington University, "in gratitude and affection for his inspiration, leadership and service to the Society." The plaque was given to Dr. Dodek by the 1962 graduating senior students upon the occasion of the twenty-fifth anniversary of the founding of the Society.

Dr. Dodek, Associate Clinical Professor of Obstetrics and Gynecology at George Washington University and Chairman of the Departments of Obstetrics and Gynecology in the Washington Hospital Center, founded the Society and has been its Faculty Advisor since its

Samuel M. Dodek, M.D.



founding. He received his A.B. degree from George Washington University in 1923 before entering Jefferson. He received his M.A. degree in Obstetrics in 1931 from Western Reserve University where he was a Resident and Teaching Fellow in Obstetrics and Gynecology from 1929-32. Dr. Dodek joined the faculty of George Washington University Medical School in 1932.

The Society was originally named to honor Dr. Alfred Freeman Africanus King, Professor of Obstetrics and Dean of the School of Medicine of George Washington University from 1871-1913. Dr. Howard Francis Kane, Professor of Obstetrics and Gynecology from 1934-45 in the same institution was its first Honorary President. Upon the death of Dr. Kane in 1946, the Society was re-named to honor both of these famous men.

The membership of the Society is made up of the fifteen students from the Junior Class in the School of Medicine who have attained the highest grades in Obstetrics and Gynecology by mid-term, and the fifteen Senior students who were elected the preceding year. There are more than 400 members among the Alumni of the School of Medicine.

The late Dr. Pascal Brooke Bland, former Professor of Obstetrics at Jefferson, was the Society's first Honorary Fellow.

1930

DR. JAMES S. JORDAN, Medical Arts Building, Scranton, Pa.

An honorary degree of Doctor of Laws was conferred upon Dr. Jordan, Scranton Ophthalmologist, at commencement exercises of the University of Scranton on June 3, 1962. Dr. Jordan, awarded the Henry M. Phillips prize at graduation from Jefferson, interned at Scranton State Hospital. He attended the University of Pennsylvania Graduate School and was Resident Physician at Wills Eye Hospital in Philadelphia from 1932 to 1934. He was elected to the Board of Managers of the hospital in 1952 for a ten-year period.

Dr. Jordan was chosen first President of the Diocesan Council of Catholic Men in 1956. He is Director of the Department of Surgery at Mercy Hospital, Scranton, and was President of the staff



James S. Jordan, M.D.

in 1961 and 1962. In September 1960, he was honored by Pope John XXIII when he was made a Knight of the Equestrian Order of the Holy Sepulchre of Jerusalem.

DR. PAUL P. RIGGLE, Medical Arts Building, 403 Locust St., Washington, Pa.

Dr. Riggle has been named President of the Washington County Unit of the American Cancer Society. He assumed his duties with the Society on September 1st.

1931

DR. SPURGEON T. SHUE, 48 South Main Street, Spring Grove, York County, Pa.

Together with DR. LUKE K. REMLEY, Class of 1938, of York, Pa., Dr. Shue recently flew to Europe for a three-week trip. They were among 53 U.S. physicians visiting the Philips-Duphar Laboratories in Amsterdam, Holland. The physicians also attended the International Congress on Hormonal Steroids in Milan, Italy, and, with their wives, toured Rome, Switzerland and Germany.

1934

DR. WILLIAM J. HARRER, 1109 Highland Road, Sharon, Pa.

Dr. Harrer, Sharon physician since 1936, has announced his retirement. In addition to private practice, Dr. Harrer served on the staff of Sharon General Hospital. He will continue to reside in Sharon and at his summer residence at Conneaut Lake, Pa.

DR. JOHN F. McMULLIN, Riverside County General Hospital, 9851 Magnolia Avenue, Riverside, Calif.

Dr. McMullin has retired from the U.S. Navy after 26 years service and has assumed the position of Chief of Psychiatry at the Riverside County General Hospital, which has recently opened a new 39-bed psychiatric unit.

1935

DR. CHARLEY J. SMYTH, 4200 East 9th Avenue, Denver, Colo.

Dr. Smyth, Chief of the Rheumatic Disease Section of the University of Colorado Medical Center, spoke to the Medical and Dental staff of St. Vincent Hospital, Santa Fe, New Mexico, in

August. His topic was "Pitfalls in the Diagnosis and Treatment of Gout." The talk was one part of a series of seminars sponsored by Merck, Sharpe and Dohme Postgraduate Program of West Point, Pa.

1936

DR. J. EDWARD BERK, 6767 West Outer Drive, Detroit 35, Mich.

Dr. Berk has been appointed Professor and Chairman of the Department of Medicine of the newly-established California College of Medicine in Los Angeles. He will terminate his present positions as Clinical Professor of Medicine and Director of the Department of Medicine at Sinai Hospital in Detroit and will assume his new position on January 1, 1963.

1937

DR. WILLIAM G. THALMANN, JR., 1312 Brighton Street, Philadelphia 11, Pa.

Dr. Thalmann was awarded the Legion of Merit by the U.S. Army upon his recent retirement at the U.S. Military Academy after 26 years of military service. Dr. Thalmann held the rank of Colonel. After his enlistment in 1937, he saw service in Europe during World War II, and, in the last eleven years, served as Chief of Medical Services at Military Hospitals in Fort Jay, N.Y., Fort Monmouth, N.J., and the Academy.

1938

DR. WALTER A. BOQUIST, 719 Hillcrest Blvd., Phillipsburg, N.J.

Dr. Boquist recently was installed as President of the Phillipsburg Rotary Club. He is Chief of the Surgery Department of Warren Hospital and has been physician for Phillipsburg High School athletic teams for ten years.

DR. ALEXANDER W. FREDIANI, MC., USAF, c/o Office of the Air Attache, APO 694, New York, N.Y.

Dr. Frediani is an Air Force Flight Surgeon with the rank of Colonel. From 1959 to 1961 he served as Commander of the 4500th USAF Hospital, Langley Air Force Base, Virginia. Presently, he is on loan from the Air Force to the School of Public Health, American University of Beirut, Beirut, Lebanon,

as Visiting Lecturer in Public Health Administration.

1940

DR. WILLIAM ROBINSON, III, 4805 West Hills Drive, Topeka, Kansas.

At the request of President Bodine and Dean Sodeman, Dr. Robinson represented the College at the inauguration of the new President of Washburn University on October 7th. Jefferson is very grateful to Dr. Robinson for his willing cooperation.

1943

DR. HARTFORD E. GRUGAN, 609 Rural Avenue, Williamsport, Pa.

Dr. Grugan completed three years of training in Gynecological Surgery and Obstetrics at Pennsylvania Hospital, Philadelphia, recently. He has returned to active practice in Williamsport, Pa., in association with four other physicians. Before his three-year stint at Pennsylvania Hospital, Dr. Grugan had practiced Obstetrics and Gynecology in Williamsport for 13 years, during which time he served on the staffs of both Williamsport Hospital and Divine Providence Hospital. He has been reappointed to both staffs.

1944J

DR. MARION M. YOUNG, Rt. 5, Crossville, Tenn.

Dr. Young has been named Director of a new public health district which includes Cumberland, Rhea, Sequatchie and Bledsoe Counties in Tennessee. Dr. Young gave up private practice in 1960 to become the Director of Cumberland and other counties. This latest appointment, effective July 1, 1962, expanded the district to include Bledsoe County. Dr. Young took his graduate study in Public Health Administration at the University of North Carolina.

1944S

DR. MARTIN CHOMKO, The Sayreville Medical Group, Sayreville, N.J.

Dr. Chomko joined The Sayreville Medical Group in August and he is practicing Obstetrics and Gynecology. He received his training in this field at several New York City hospitals.

Following his Residency in Obstetrics and Gynecology, he practiced in Scranton, Pa. He has done post-graduate work at the University of Vienna in Austria, and also at the Trudeau School of Tuberculosis at Saranac Lake, N.Y. Dr. Chomko is on the staffs of St. Peter's General Hospital and South Amboy Memorial Hospital.

DR. EDWARD J. FEENEY, 147 South Hillside Avenue, Roxbury Township, Succasunna, N.J.

Dr. Feeney recently addressed the Netcong-Stanhope Kiwanis Club in Stanhope, N.J. on "Facts About Diet and Heart Disease." A former Captain in the Army Medical Corps, Dr. Feeney is now practicing general medicine in Roxbury Township and Mt. Freedom, N.J.

1946

DR. CHARLES W. KORBONITS, 322 North High St., West Chester, Pa.

Dr. Korbonits successfully passed his examination for certification as a Diplomate of the American Board of Obstetrics and Gynecology in April 1962. Dr. Korbonits also is a Fellow in the American College of Obstetricians and Gynecologists. He and his wife June have four children, Charles W., Jr., Patricia A., David R., and Robert A.

DR. FORREST E. LUMPKIN, JR., 802 Medical Arts Building, Dallas, Texas.

Dr. Lumpkin writes that he was married in August 1961 to the former Katherine Gaines, and, after a honeymoon in Bermuda, they returned to Dallas to live. He says, "I had planned to attend the class reunion last year (1961), but I became engaged . . . and this changed my plans."

1947

DR. JOSEPH N. ACETO, 170 King St., Northumberland, Pa.

Dr. Aceto, Radiologist at the Sunbury (Pa.) Community Hospital, was the guest speaker at the Sunbury Kiwanis Club in July 1962. Dr. Aceto traced the development of Radiology from the year 1600 to the present. Before taking his present post in Sunbury, he worked with the Public Health Service and with the Ohio Valley General Hospital.

1948

DR. HENRY FRANK STARR, JR., P.O. Box No. 9, Greensboro, N.C.

Dr. Starr has been elected Medical Director of Pilot Life Insurance Company in Greensboro. Following two years of private practice, he entered the



Henry F. Starr, Jr., M.D.

Army in 1953 and served as a Captain and acting Division Surgeon of the 82nd Airborne Division until 1955 when he was named Assistant Medical Director at Pilot. Dr. Starr is a member of the North Carolina Committee of the Health Insurance Council, the Association of Life Insurance Medical Directors and the Medical Section of the American Life Convention.

1950

DR. ALBERT J. GRANT, 5321 Kenton Drive, Fort Wayne, Ind.

Dr. Grant has opened his private office at 1416 N. Anthony Blvd. in Fort Wayne, to continue his surgery practice. He was Staff Surgeon at Fort Wayne Veterans Hospital before entering private practice.

1951

DR. BERNARD W. MAYER, 1453 Linden St., Allentown, Pa.

Dr. Mayer discontinued his general practice in July 1962 to begin a two-

year Residency in Anesthesiology at Temple University Hospital.

1952

DR. IRVING P. ENY, 3218 Ponce deLeon Blvd., Coral Gables, Fla.

Dr. Eny has announced the opening of his office for the practice of Orthopedic Surgery in Coral Gables.

DR. ARTURO E. SANABRIA, Ciales, Puerto Rico.

Dr. Sanabria writes: "I am having a lot of work in this small town of around 20,000 population, most of them of low class and a high percentage of illnesses. I am working as the Medical Director of the Municipal Hospital (the only one in the community) with only another MD to help me in the Hospital. There are two other MD's in town but only in private practice. I have had no vacation during my nine years of hard work as a general practitioner in this town."

DR. JEROME J. BERNER, Lutheran Hospital, Department of Pathology, 2609 Franklin Blvd., Cleveland 13, Ohio.

Dr. Berner writes: "Since September 4, 1962, I have been affiliated with the Lutheran Hospital . . . as Associate Pathologist.

"Shirley and I are very happy about this return to Cleveland and though we have not yet moved into our house, any of our Class coming through this way can contact me at the hospital. Seth (six years) has just started first grade at the Ludlow School in Shaker Heights and Keith (three years) is still biding his time.

"The reunion was great fun and I'll be looking forward to the next. Congratulations to all on the committee for the great job they did."

1953

DR. HAROLD Y. ALLEN, 619 Hill Top Drive, Cumberland, Md.

Dr. Allen has been certified in Occupational Medicine by the American Board of Preventive Medicine. He is Medical Director of the Allegany Ballistics Laboratory, Hercules Powder Co., Cumberland, a research facility for the Navy's Polaris missile. In March 1962, he was elected to membership in the American Academy of Occupational Medicine.

DR. EDWIN S. GAITHER, Radiology Department, Aliquippa Hospital, Aliquippa, Pa.

Dr. Gaither has been named Associate Radiologist in Aliquippa Hospital's newly-organized Radiology Department. He is also an instructor in Radiology at the University of Pittsburgh Medical Center, and formerly was associated with Children's Hospital, Pittsburgh.

DR. WILLARD S. KRABILL, 112 West High Park Avenue, Goshen, Ind.

Dr. Krabill was recently named to the American Medical Association's newly-formed Committee on Medicine and Religion. The Committee, designed to promote communications between physicians and clergymen, is composed of ten doctors and ten clergymen.

1954

DR. THOMAS ACETO, JR., Head—Endocrinology Clinic, Children's Hospital, Buffalo, N.Y.

Dr. Aceto, newly named Head of the Endocrinology Clinic at Buffalo's Children's Hospital, is currently studying five dwarfed children in an attempt to evaluate whether they can be helped by treatment with a growth hormone. The object of his research is to find a method of collecting and storing enough of the hormone which is found in the pituitary gland. Dr. Aceto is also Assistant Professor of Pediatrics in the University of Buffalo Medical School. He served as Senior Resident in Pediatrics at Children's Hospital in 1956-57 and did research there the following year. After two years in the Navy, he went to Johns Hopkins in Baltimore to study Endocrinology, returning to Children's Hospital last July.

DR. WARREN W. NICHOLS, University of Lund, Lund, Sweden.

Dr. Nichols, a Research Associate at the South Jersey Medical Research Foundation and Instructor in Pediatrics at the University of Pennsylvania's School of Medicine, is currently in Sweden for a year of cancer research. Dr. Nichols is working with Dr. Albert Levan, considered the world's foremost authority on chromosomes. Their work involves a new testing method for possible early cancer diagnosis and research. Dr. Nichols recently reported on their findings at a scientific meeting in Geneva,

Switzerland. With him in Sweden are his wife, June, and their two children, Warren, four, and Shawn, two.

1955

DR. I. SAMUEL LAPE, JR., 314 Cumberland St., Lebanon, Pa.

Dr. Lape recently opened an office in Lebanon for the practice of Obstetrics and Gynecology.

DR. DANIEL J. SHUPTAR, Lincoln Clinic, 3145 O Street, Lincoln, Nebraska.

Dr. Shuptar writes: "I left the Naval Hospital at Philadelphia in July and now am in private practice. I was elected a Fellow in the American Academy of Pediatrics this past Spring."

DR. ROBERT C. SPAGNOLI, U.S. Naval Hospital, St. Albans, L.I., N.Y.

Dr. Spagnoli writes: "This finds us all well and expecting the arrival of our sixth child within the next few weeks. Radiology has proved to be very stimulating and we are enjoying our tour of duty in New York very much."

DR. PAUL M. SELFON, 1801 Placid Street, Philadelphia 15, Pa.

Dr. Selfon writes: "I have just been promoted to the rank of Major in the Army Reserve. While serving as 28th Division Artillery Surgeon in August 1962, I conducted a research project concerning the treatment of severe poison ivy dermatitis at Camp Pickett, Virginia. I have recently returned from the Walter Reed Army Institute of Research where I attended a symposium on The Management of Mass Atomic Casualties. In June 1962, I published a paper in *Military Medicine*, entitled 'The Red Mite Among Our Field Personnel'."

1956

DR. JOHN W. HOLDCRAFT, 50 North Horace St., Woodbury, N.J., (Gloucester Co.)

Dr. Holdcraft has been re-elected President of the Gloucester County Heart Association. Prior to this position, he was Director of the Heart Clinic sponsored by the Heart Association, located in Memorial Hospital. A member of the staff of Underwood Hospital, Dr. Holdcraft is a member of the Gloucester Co.

Medical Society, the New Jersey Medical Society and the American Medical Association.

DR. THEODORE J. MARSHALL, 1750 North Palafox Street, Pensacola, Fla.

Dr. Marshall recently joined the staff of The Medical Center Clinic in Pensacola for the practice of Psychiatry.

DR. JACK D. RUBIN, 130 Bayard Street, New Brunswick, N.J.

Dr. Rubin writes: "I plan to start my practice in Internal Medicine and Gastroenterology in New Brunswick, N.J., on November 1, 1962. . . . I spent two years in the Army (following internship at Jefferson) and then completed two years of Internal Medicine at Beth Israel Hospital in New York City and one year of Gastroenterology at Manhattan Veterans Administration Hospital. I am board eligible in Internal Medicine."

DR. CLAUDE M. WILLIAMS, 24 Valley Road—Apt. 6, Drexel Hill, Pa.

Dr. Williams recently was appointed a Fellow in Obstetric and Gynecologic Endocrinology at Jefferson.

1957

DR. GERALD LABRIOLA, 173 Meadow Street, Naugatuck, Conn.

Dr. Labriola has announced the opening of his office for the practice of Pediatrics in Naugatuck, Conn. He recently completed two years active duty

in the U.S. Navy as Chief of the Pediatrics Division, U.S. Naval Hospital, Quonset Point, R.I. Dr. Labriola is a Diplomate of the American Board of Pediatrics. He is on the Pediatrics Staff at Waterbury and St. Mary's Hospitals and is Visiting Pediatrician at Newton Hospital for Crippled Children. He and his wife Lois have three children.

DR. JOHN R. SABOL, 835 West Fourth Street, Williamsport, Pa.

Dr. Sabol is now associated with three other Williamsport physicians, one of whom is DR. RALPH MAX GINGRICH, Class of 1953. Dr. Sabol, an Orthopedic Surgeon, interned at Geisinger Hospital and underwent specialized orthopedic training at the University of Pennsylvania Hospital, the Children's Hospital, Philadelphia, and Geisinger. He is a member of the active staffs of Divine Providence Hospital and the Williamsport Hospital.

DR. RONALD E. TRAUM, Jefferson Medical College Hospital, Department of Obstetrics and Gynecology, Philadelphia 7, Pa.

Dr. Traum resumed his Residency in Obstetrics and Gynecology in September following completion of duty with the Armed Services.

DR. RAYMOND G. TRONZO, 522 Twin Oaks Drive, Wynnewood, Pa.

Dr. Tronzo has been appointed Associate in Orthopedics at The Woman's Medical College of Pennsylvania, and

*Raymond G.
Tronzo, M.D.*



has opened his office at the College with DR. ROBERT HEATH, Professor of Orthopedics, and Jefferson graduate in the Class of J-44. Dr. Tronzo served his Residency in Orthopedics at Philadelphia General Hospital from 1958 to 1962, having been Chief Resident in Orthopedics in 1961-62. He is married to Dr. Joan Short, who specializes in Pediatric Neurology and is on the staff at Philadelphia General. They have twin sons, Leslie and Craig, two-and-a-half years old.

1958

DR. RICHARD T. BERNSTINE, Jefferson Medical College, Department of Obstetrics and Gynecology, Philadelphia 7, Pa.

Dr. Bernstine is a Resident in Jefferson's Department of Obstetrics and Gynecology.

DR. GARLAND R. BROWN, 4595 North River Road, Saginaw, Mich.

Dr. Brown is now associated with three other Saginaw physicians in the practice of Radiology at their X-ray clinic at 1311 North Michigan in Saginaw. He received his graduate training in Radiology at the University of Michigan Medical Center. Dr. and Mrs. Brown have two daughters.

DR. WILLIAM W. CLEMENTS, JR., 77 South Valley Road, Apt. B-4, Paoli, Pa.

Dr. Clements has joined DR. JAMES G. MACKEY, JR., Class of 1955, and two other physicians in the practice of Medicine in Devon, Pa.

DR. JOSEPH T. ENGLISH, Chief Psychiatric Consultant, Peace Corps, Washington 25, D.C.

Dr. English has been detailed by the National Institute of Mental Health to two years of service with the Peace Corps as its first full-time psychiatrist. In his new assignment, which began early in July, Dr. English helps coordinate the activities of more than one hundred psychiatrists from major medical schools and institutions who are serving as Peace Corps consultants. Their function is to help select suitable candidates for overseas service and to train volunteers to cope with the emotional problems of overseas adjustment. Dr. English joined the NIHM staff in

July 1961 as a Clinical Associate in the Laboratory of Clinical Science. For a year he was one of a team of investigators in familial studies of schizophrenia and delinquency. He continues to serve as Consultant on these studies until they are completed at the end of the year.

Dr. English had his first contact with the Peace Corps during his Psychiatric Residency training at the Institute of the Pennsylvania Hospital, Philadelphia, from 1959 to 1961. There, he and two colleagues established a student mental health center at St. Joseph's College with the unique plan of eventually extending the service to other small colleges in the area which could not individually offer mental health services to their students. At that time, he and his associates launched a research project comparing a group of students at St. Joseph's College with a group of Peace Corps volunteers in Arizona. Results of the project, which later included a group of 25 African college students studying in this country, will be available in January 1963.

Dr. English's duties with the Peace

Corps include recruitment of new psychiatrists for training projects and to the Corps itself, development of new methods for mental health training of volunteers and the making of site visits and final clinical decisions about Peace Corps trainees. He assists in the training of Public Health Service physicians assigned overseas to maintain the physical and mental health of Peace Corps volunteers.

One of his first official duties with the Corps was a tour of the Far East, from August 1 to September 12, during which time Dr. English accompanied Mr. R. Sargent Shriver, Director of the Peace Corps, on visits to volunteers in the field. The trip took them to the Philippines, Thailand, Malaya, North Borneo and Sarawak. While on the tour, they were invited to go to Indonesia by President Sukarno to explore the possibilities of the Peace Corps going to that country.

DR. GEORGE E. HUDOCK, JR., 2737 Green St., Harrisburg, Pa.

Dr. Hudock has been appointed a teaching fellow in Pathology at Harris-

Joseph T. English, M.D. (right), and R. Sargent Shriver (center) enjoy a chat with Brigadier General Professor Doctor Sumantri Hardjoparkas, a Minister of the Indonesian Government, following a visit with Indonesia's President Sukarno.



burg Hospital. He is a junior member of the American College of Pathologists, American Society of Clinical Pathologists and an associate member of the Pennsylvania Association of Clinical Pathologists.

DR. JAY ALAN KERN, 1506 Grand Avenue, Asbury Park, N.J.

Dr. Kern has become associated with another Asbury Park physician. He served his Residency in Internal Medicine at Jefferson.

DR. JOHN K. KREIDER, Navajo Mission Hospital, Bloomfield, New Mexico.

Dr. and Mrs. Kreider recently spoke at the Conoy Brethren in Christ Church, Elizabethtown, Pa., on the needs of the Navajo Indians in New Mexico. For the past three years, the couple has been in charge of a hospital for the Navajo Indians in that state.

DR. SAMUEL C. PORTER, 45 Madison Avenue, Pitman, N.J.

Dr. Porter and his family have moved to the above new address in Pitman. He maintains offices at 135 West Jersey Avenue in that city. He is on the staff of the Underwood Hospital in Woodbury and is a member of the Glassboro Answering Service. Dr. Porter formerly lived in Wisconsin and served with the U.S. military service in Greenland.

DR. DONALD L. SMITH, Franklin, Pa.

Dr. Smith recently completed a one-year Residency in Internal Medicine at Youngstown Municipal Hospital, Youngstown, Ohio. He is now associated in general practice with another Franklin physician.

DR. VITO MICHAEL VACCARO, 833 Norfolk Road, Jenkintown, Pa.

Dr. Vaccaro was graduated from the Resident Training Program of Philadelphia's Albert Einstein Medical Center in June, and received his diploma marking completion of a one-year Residency in Psychiatry. He has opened his office for the practice of Psychiatry in Philadelphia.

1959

DR. CHARLES L. BRODHEAD, Resident in Surgery, United States Naval Hos-

pital, 17th & Pattison Avenue, Philadelphia 45, Pa.

Dr. and Mrs. Brodhead have returned from the Philippines with their recently adopted daughter, Connie Lou, to Philadelphia where Dr. Brodhead is serving a Surgical Residency at the U.S. Naval Hospital. He recently completed two years at the Naval Hospital at Sangley Point, near Manila. Dr. Brodhead holds the rank of Lieutenant in the U.S. Navy.

DR. THOMAS O. ENGLISH, JR., USAF 59555A, 5040th USAF Hospital, APO 942, Seattle, Wash.

Dr. English recently finished a Residency in Pediatrics at USAF Hospital in Lackland, Texas, and has been reassigned to the USAF Hospital in Anchorage, Alaska for the next three years. He and Mrs. English announced the birth of a daughter, Dawn A., in August 1961.

DR. JACKSON V. SCOTT, Mount Holly, N.C.

Dr. Scott, his wife, Jane, and two sons, Kenneth, five, and Craig, one, have settled in Mount Holly where Dr. Scott has become associated with another Mount Holly physician in general practice. After interning at the Baptist General Hospital in Atlanta, Dr. Scott spent two years at Norfolk General Hospital where he specialized in Cardiology.

1961

DR. WILLIAM A. BROWNE, IV, 638 Chestnut Street, Greenville, Ohio.

Dr. Browne opened his office for the general practice of medicine on August 6, 1962 in Greenville. He recently completed his internship at Miami Valley Hospital in Dayton, Ohio. Dr. and Mrs. Browne have two sons, Bill and Mike.

DR. ALLEN L. DAVIES, Department of Surgery, Jefferson Medical College Hospital, 11th and Walnut Streets, Philadelphia 7, Pa.

Dr. Davies has been notified that he has successfully passed the State Board examination and is qualified to practice medicine and surgery in Pennsylvania. He is now a Surgical Resident at Jefferson. Dr. and Mrs. Davies have two sons and live in Moorestown, N.J.

DR. SAMUEL M. EPPLEY, 98 Church St., Enosburg Falls, Vt.

Dr. Eppley opened his practice in Enosburg Falls, Vt., at the end of July 1962. He and Mrs. Eppley have one son, Harold, born in the Spring.

DR. JOSEPH BAKER HEISTER, 111 Welty Drive, New Kensington, Pa.

Dr. Heister recently became a partner in a general practice in Lower Burrell, Pa., with two other physicians. Dr. Heister interned at Allegheny Valley Hospital, Natrona Heights, Pa.

DR. JOHN P. KEEFE, 732 Pine Street, Philadelphia 6, Pa.

Dr. Keefe has returned to Jefferson for his Residency in the Department of Obstetrics and Gynecology.

DR. JOHN PETER LESNIAK, 102 Lansdowne Avenue, Clark's Summit, Pa.

Dr. Lesniak has opened offices for general practice in Clark's Summit, Pa., after completing his internship at Misericordia Hospital, Philadelphia. Dr. Lesniak and his wife are living in Clark's Summit with their daughter, Kathleen Marie.

DR. RICHARD M. MARASCO, 1114 West Gore Road, Erie, Pa.

Dr. Marasco opened an office in Erie on August 1, 1962 for the general practice of medicine in association with another physician. Dr. and Mrs. Marasco have one child, a daughter.

DR. ARTHUR N. MEYER, Veterans Administration Hospital, University and Woodland Avenues, Philadelphia, Pa.

Dr. Meyer recently received notification by the State Board of Medical Education and Licensure that he successfully passed the medical examinations and has complied with all the requirements of law, thereby enabling him to practice medicine and surgery in Pennsylvania. Dr. Meyer recently completed his internship at Misericordia Hospital, Philadelphia, and is presently a Resident Physician in Internal Medicine on the staff of the Philadelphia VA Hospital.

DR. VICTOR R. SCARANO, 808th Medical Group, Mountain Home Air Force Base, Idaho.

Dr. Scarano writes: "Upon completion of my internship at the Misericordia Hos-

pital in Philadelphia, I joined the United States Air Force. I am presently stationed at Mountain Home AFB in Idaho, which is a Strategic Air Command Base.

"There is a new 50-bed hospital here, which is adequate for the needs of our military personnel and their dependents.

There are approximately 16 Medical Doctors on the Staff, every one of them from a different medical school, so that subtle differences in training are evident. However, they are a most congenial group; they all practice good medicine and I am happy to be associated with them."

DR. RAYMOND L. SPHAR, JR., 20 Waterman Avenue, Chestnut Hill, Philadelphia 18, Pa.

Dr. Sphar is a Resident in Radiology at the Germantown Dispensary and Hospital in Philadelphia.

Engagements, Weddings and Births

Engagements

1958

DR. LLOYD GORDON PLUMMER, Department of Obstetrics and Gynecology, Philadelphia General Hospital, 34th Street and Curie Avenue, Philadelphia 4, Pa.

Dr. Plummer has become engaged to Miss Carole Ann Adrian of Aldan, Pa. Miss Adrian is a graduate of the Philadelphia General Hospital School of Nursing. They will be married sometime this Fall.

DR. JOHN EVANS THOMAS, 5 South Second Street, Bangor, Pa.

The parents of Miss Candace Em Johnson have announced her engagement to Dr. Thomas. Miss Johnson is a graduate of the Moravian Seminary for Girls in Bethlehem, Pa., and is a student at Ursinus College, Collegeville, Pa.

1960

DR. WALTER K. W. YOUNG, Department of Otolaryngology, Graduate Hospital of the University of Pennsylvania, 19th and Lombard Streets, Philadelphia, Pa.

Miss Joan A. Nichols' betrothal to Dr. Young was announced recently by her parents. A native of

Bethlehem, Pa., Miss Nichols is a graduate of St. Luke's Hospital (Bethlehem) School of Nursing and is on the staff of that hospital in the Emergency Receiving Ward. Dr. Young served his internship at St. Luke's Hospital and is now a Resident in Otolaryngology at Graduate Hospital.

Weddings

1957

DR. PENN P. SHELLEY, Roxbury Medical Group, 77 Sunset Strip, Succasunna, N.J.

Miss Marilyn Dee Piper became the bride of Dr. Shelley on July 7, 1962. Mrs. Shelley received her bachelor's degree in Spanish from Bucknell University, and after a year's study at the University of Madrid, received her master's degree from Middlebury College. A member of Pi Beta Phi and Sigma Delta Pi societies, she taught at Tenafly High School.

1961

DR. LEWIS GEORGE ANTHONY, Fort Sam Houston, San Antonio, Texas.

Dr. Anthony celebrated his marriage to Miss Ellen Claire Wagner on July 4, 1962, in Jim Thorpe,

Pa. Mrs. Anthony is a graduate of Allentown Hospital School of Nursing and was head nurse in the Pediatric Department of Allentown General Hospital.

1962

DR. HENRY GELBAND, Newark Beth Israel Hospital, 201 Lyons Avenue, Newark 12, N.J.

Dr. Gelband took Miss Ellen Brooke Charin as his bride on August 26, 1962. Mrs. Gelband is a graduate of Vassar College. Dr. Gelband is interning at Beth Israel Hospital in Newark.

Births

1956

DR. DALE A. GROVE, JR., 1551 Broadway, Bethlehem, Pa.

Dr. and Mrs. Grove have announced the birth of their first child, a son, Dale III.

1959

DR. WALTER S. BLOES, 504 Washington Avenue, Jermyn, Pa.

Dr. and Mrs. Bloes have announced the birth of a daughter, Lisa Ann, born March 23, 1962. She joins Wally, Jr., who is two years old.

Fourteenth Roll Call Century and Five Hundred Donors

Alumni Annual Giving Fund

The names of the alumni, their widows, and faculty members who have responded to last year's Fund appeal by contributing in amounts of one hundred dollars and over are listed here in grateful appreciation. Your committee for the past ten years has invited all who could contribute in these more substantial amounts to give thoughtfully and proportionately, and has instituted the Century and Five Hundred group acknowledgment of these gifts. The six hundred and fifty-five alumni recorded on this roll contributed more than half of last year's Fund amount. Warm thanks are again expressed by the Alumni Fund Committee of Jefferson Medical College for all the gifts, regardless of size, made to advance the progress of our Alma Mater.

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CALENDAR OF FUTURE EVENTS

February 28, 1963

Alumni Association Annual Business Meeting and Dinner
The Barclay, Philadelphia

April, 1963

Jefferson Reception during AAGP Convention
Chicago, Illinois
(exact date and place to be announced)

April 15 - April 28, 1963

Jefferson Postgraduate Medical Seminar
Madrid, Spain

June 13, 1963

Alumni Annual Banquet
Bellevue-Stratford Hotel, Philadelphia



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